DX900

User Guide

Safety Instructions

Please Read Before Proceeding

- Avoid heavily pressing on the touch screen.
- Avoid heavily pressing on the touch screen with the stylus or your fingers.
- This product is not charged when shipped from the factory. When you use this product the first time, we recommend that you install the battery as illustrated and fully charge it for about 8 hours before use.
- Do not remove the battery while charging.
- Before installing the SIM card, launch **Communication Manager**, then tap the button. When the color of the icon turns orange , this indicates that the wireless connection of the Pocket PC is disabled.
- When aboard an aircraft, at a medical facility, or at the gas pump where wireless communication devices are prohibited, please launch the **Communication Manager** and then tap the button. When the color of the icon turns orange , the Flight Mode is activated and the wireless connection of the Pocket PC is disabled.
- In case the Pocket PC is damaged, send it back to the dealer for repair. Do not attempt to disassemble the Pocket PC on your own; otherwise the warranty will be void.

Where to Find Information

For information on:	See this source:
Programs on your Pocket PC	This User's Guide and Pocket PC Help. To view **Help**, tap > **Help**.
Additional programs that can be installed on the Pocket PC	The Pocket PC Getting Started CD.
Connecting to and synchronizing with a desktop computer	Check the user's guide that comes with this product or look for the online help relevant to synchronization tools on the desktop PC or the Pocket PC.
Up-to-date information on your Pocket PC	http://www.microsoft.com/windowsmobile/

Note

This document lists the functions, specifications, and illustrations for reference only. The actual purchased product should be taken as the standard. Supported features for this product is subject to version differences. We reserve the right to make modifications to the features and contents contained in the instruction manual and the product.

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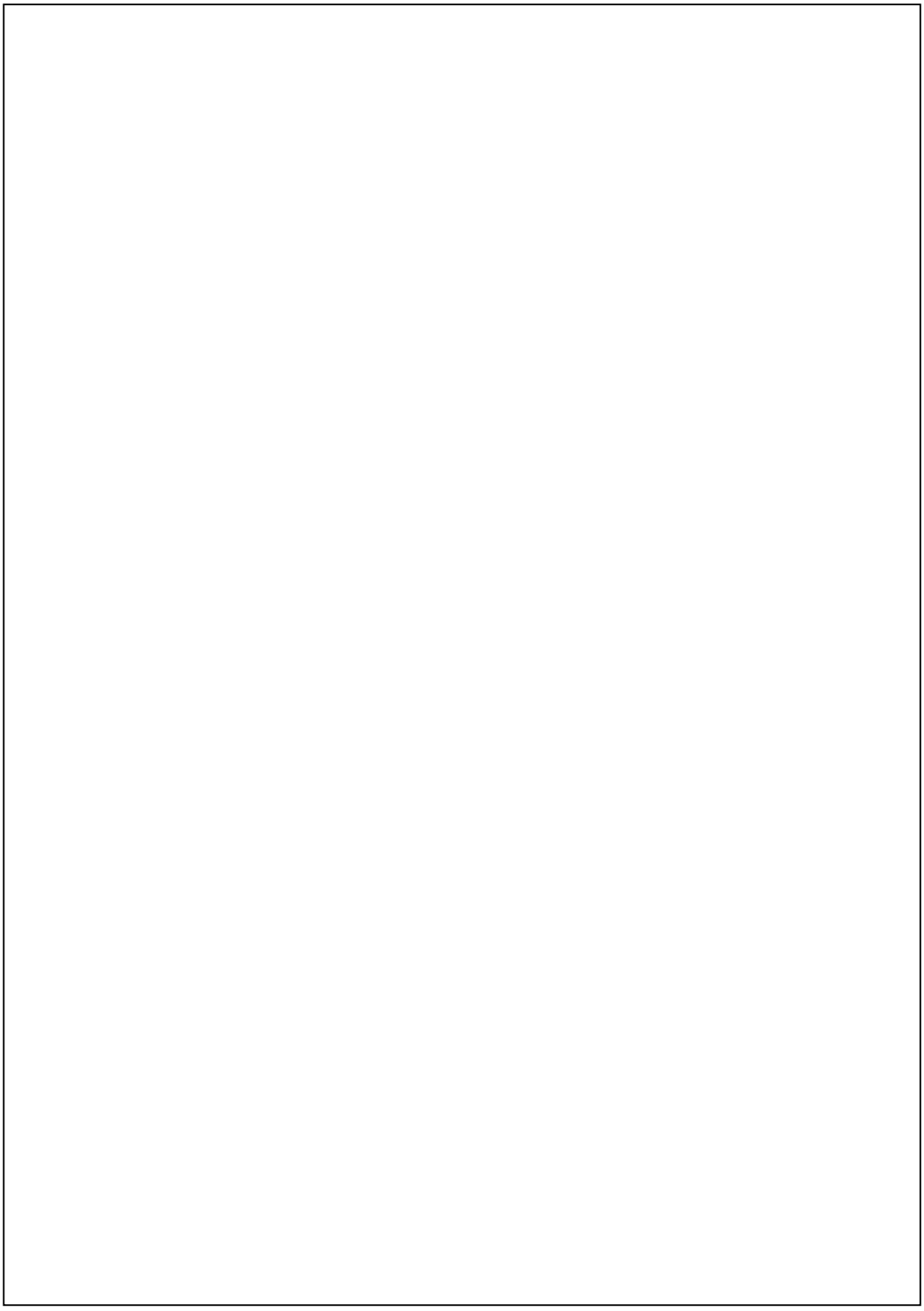
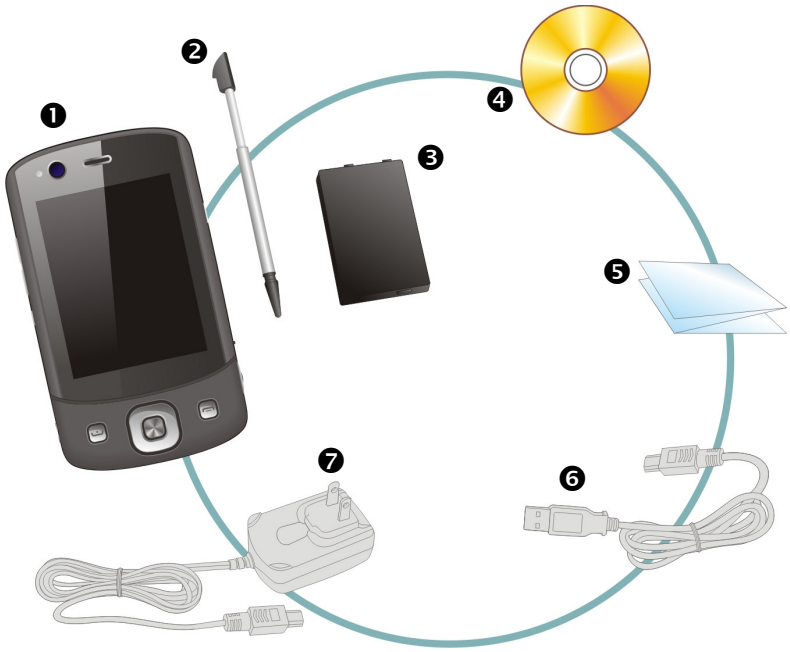


1 Getting Started

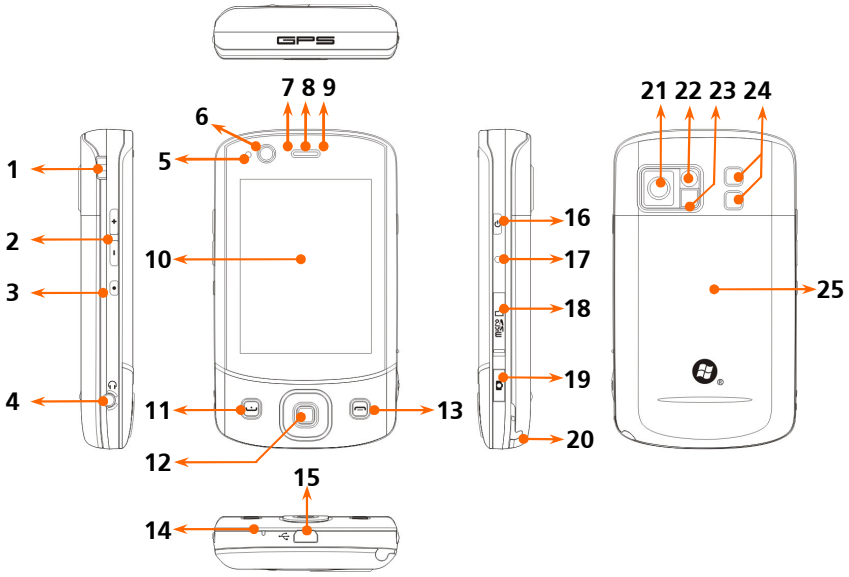
Package Content

Pocket PC, stylus, battery, Getting Started CD, Quick Start Guide, AC adapter, USB cable, headset, leather case.



❶Pocket PC ❷Stylus ❸Battery ❹Getting Started CD
❺Quick Start Guide ❻USB Cable ❼AC Adapter

External Views



1. Strap holder	**2**. Volume control key
3. Record key / Voice Commander hot key	**4**. Headset connector
5. Light sensor	**6**. Video conference camera
7. Bluetooth / WLAN / GPS LED indicator	**8**. Phone Receiver
9. Charging / Mobile Phone LED indicator	**10**. Display, Touch screen
11. **SEND** button	**12**. Navigation pad
13. **END** button	**14**. Microphone
15. Mini USB connector	**16**. **POWER** button

17. **RESET** button	**18**. MicroSD slot
19. Camera hot key or **Camcorder**	**20**. Stylus holder
21. Camera lens	**22**. Preview mirror
23. Flashlight LED	**24**. Speaker
25. Back cover, battery is inside	

Hardware Hotkey Functions

Hardware Button	Short Press (Press once and release)	Long Press (Press and hold for a few seconds and release)
1	Adjust volume	--
2	**Record** / **Voice Commander**	**Notes**
3	**Phone** / dial / redial / answer	Telephone hold
4	• Hang up during call • Disconnect during GPRS connection • Skip to **Today** screen while in other programs	• Turns off the phone function • Turns on the phone function
5	Turn on/off screen, enter the Sleep mode	Enter Power off mode of the Pocket PC

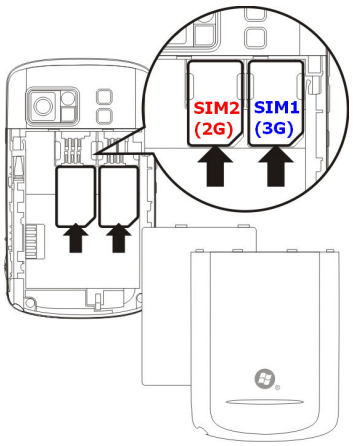
Hardware Button	Short Press (Press once and release)	Long Press (Press and hold for a few seconds and release)
5 + 6 ●	**POWER** button + **RESET** button = Cold boot	--
6 ●	**RESET** button	--
7	**Camera** or Camera Shutter	--

SIM Card(s)

Your device is designed for operating two SIM cards simultaneously, so you can receive and make calls on either number. Both the SIM card slots are capable of carrying GSM SIM cards. The slot on the right is dedicated for GPRS/3G compatible SIM card. To make video calls or send an MMS message, please make sure your GPRS/3G SIM card has been installed in **SIM1** card slot correctly.

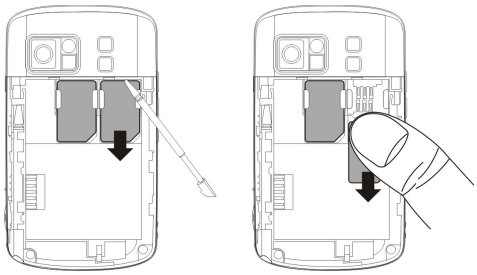
Installing the SIM Card(s)

1. Before installing or removing the SIM card, make sure all the wireless connecttions are disabled. Launch **Communication Manager**, then tap the button to turn it orange.
2. Press the **POWER** button to turn off the screen.
3. Disconnect the USB cable or AC adapter if either of them is connected to your Pocket PC. The removal of SIM card or battery while the Pocket PC is connected with a USB cable or AC adapter may damage your device.
4. Turn over your Pocket PC and remove the back cover.
5. With the missing corner facing out of the slot and the metallic contact facing down, slide the SIM card into the slot.



Removing the SIM Card(s)

1. Disconnect the USB cable or AC adapter if either of them is connected to your Pocket PC.
2. If the battery is installed, turn off the device and remove the battery.
3. With a small amount of pressure, plug your stylus tip a bit into the hole on the top of SIM slot, use it to hook the SIM card edge until it loosens from the SIM card holder.
4. Use your finger to slightly slide the SIM card out of the card slot.



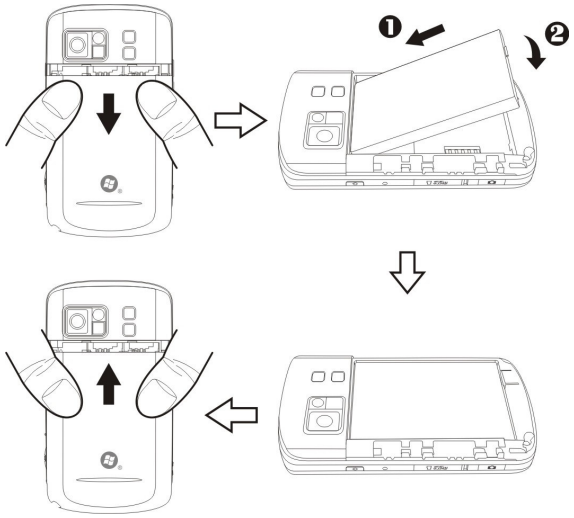
Battery

Using the Pocket PC for the First Time

If you are opening this product for the first time, the main battery and the Pocket PC are packed separately inside the product package.

Installing the Battery

1. Turn over the Pocket PC and remove the back cover.
2. Place the battery in the back of Pocket PC. Make sure that the golden contacts are aligned to the battery box.
3. Gently insert the battery until it clicks.
4. Replace the back cover.



Removing the Battery

1. If the phone, GPRS or wireless LAN connection function is already activated, deactivate it first and then replace the battery.
2. Disconnect the USB cable or AC adapter if either of them is connected to your Pocket PC. The removal of SIM card or battery while the Pocket PC is connected with a USB cable or AC adapter may damage your device.
3. Turn over your Pocket PC and remove the back cover.
4. Remove the battery.

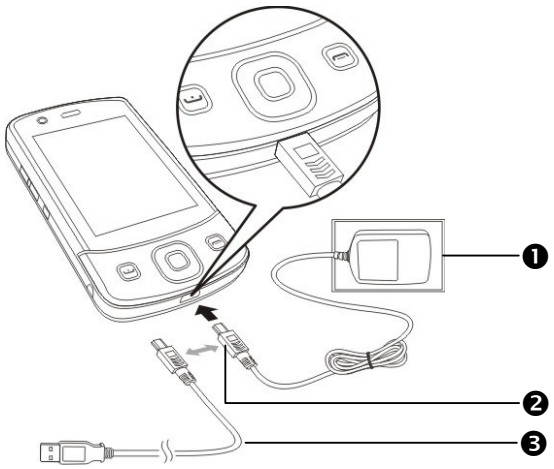
Charging Power and Power Supply

❶Connect the AC adapter plug to any household power outlet.

❷Connect the other plug from the AC adapter to the USB port. The Pocket PC starts to charge automatically.

❸If you need to connect Pocket PC and desktop computer, you could connect the USB cable to the USB port. And then connect the other end of the USB cable to the USB port on the desktop computer. Your Pocket PC will also charge at the same time.

But don't remove the battery while charging. Once you remove the battery, Pocket PC will not work.



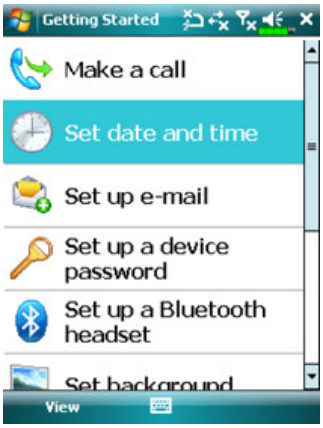
1. It will take about 8 hours to fully charge the battery after the first time you open the package. Subsequent charging will only take about 3 hours. After charging, you can disconnect the AC adapter and carry the Pocket PC around portably. To maintain smooth operation, charge the power regularly.
2. View the battery icon on the upper right corner to check the power usage condition.
3. The LED indicator on the top of the Pocket PC will indicate the various functions that are currently in use.

LED indicators	Behavior / Meaning
Red	●Red always light: Device is charging. ●Red sparkling once every 4 seconds: Warning of battery low level, missed calls or unread messages. ●Red sparkling continuously: Battery level very low.
Green	●Green always light: Battery charging is full. ●Green sparkling once every 4 seconds: GSM is connecting on line.
Blue	●Blue sparkling once every 4 seconds: Bluetooth enabled.
Amber	Amber sparkling once every 4 seconds: WLAN enabled.
White	White sparkling once every 4 seconds: GPS enabled.

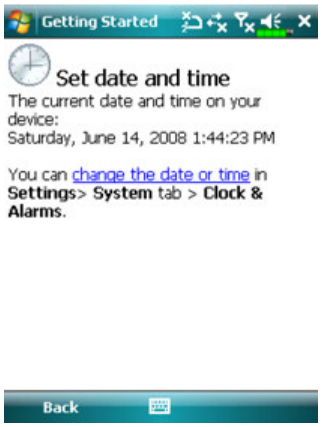
Getting Started

Getting Started provides you with basic concepts and shortcuts to certain primary features and settings.

Tap > **Programs** > **Getting Started**.



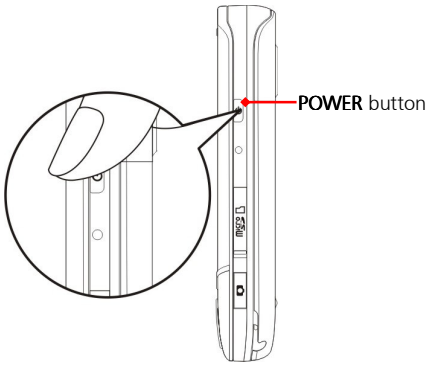
1 Tap a subject to view how to get started.

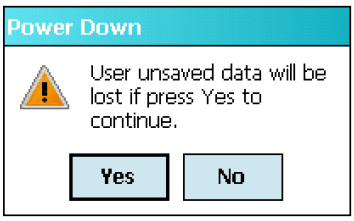


2 Tap hyperlink to execute the specified command.

3 Tap **Back** to return to the **Getting Started** main screen.

Power On and Off





1 .Press and hold the **POWER** button on the Pocket PC and then tap **Yes** to turn off the Pocket PC. All functions will be disabled; this is not the same as entering Sleep mode.

2 .To turn on, simply press the **POWER** button once.

Using the Stylus to Touch the Screen

- Your Pocket PC is designed for graphics-based operation. Generally speaking, we usually "use the stylus to perform basic actions such as tap, drag, and tap and hold" on the touch screen. Other actions such as reset and cold boot will require the use of the stylus tip.
- Pull the stylus to full-length to make it easier to tap the screen during operation. When kept completely in the stylus holder, the stylus length shortens.
- Avoid heavily pressing on the touch screen with the stylus or your fingers.

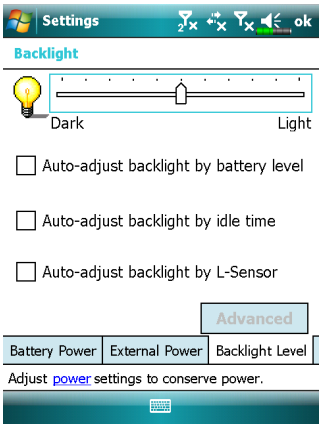
Sleep Mode

1. Press the **POWER** button of the Pocket PC to enter the Sleep mode. At this time, the screen is turned off and all peripheral devices enter the power-saving mode. But if the phone is turned on, it is still in the call waiting mode.
2. To turn on the screen later, just press the **POWER** button.

3.Tap > **Settings** > **System** tab > **Power** and then the **Advanced** tab to set the device to turn off automatically after waiting for a certain time period.

Turn on the Screen

This product is designed with a power-saving feature. If the screen is turned off, press the **POWER** button of the Pocket PC to turn it on.



If the screen is too dark and you cannot see clearly, set the proper brightness level for the backlight.

Tap > **Settings** > **System** tab > **Backlight** > **Backlight Level** tab.

Restarting the Pocket PC

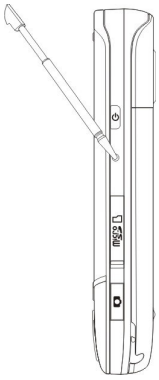
Appropriate situation: If the Pocket PC is unable to maintain normal operation, has no response, or if the screen is frozen.

For your consideration, factoring into your safety and convenience, please refer to the following instructions in order:

Reset	Press the **RESET** button of Pocket PC with the tip of the stylus.
Default Settings procedures	If the touch screen is functional, please tap > **Programs** > **Utilities** > **Default Settings**
Clean Boot	Press and hold both **POWER** button and **RESET** button for a while, then release them simultaneously. Wait for a few seconds until the screen wakes up displaying the model name, firmware version and firmware build date of your device, instantly press and hold . Continue pressing and release it when you see an inquiry box shown on the screen.

Reset

Reset method: Press the **RESET** button of Pocket PC with the tip of the stylus.



- Appropriate situation: If the Pocket PC is unable to maintain normal operation, has no response, or if the screen is frozen.

- Result: In a moment, when Pocket PC automatically completes the system startup process, the last display will be the Today screen. This will retain the Microsoft Windows, factory pre-installed applications, and user's input data, newly installed programs, and user custom settings.

Default Settings

Tap > **Programs** > **Utilities** > **Default Settings**.

1. If this application is inadvertently accessed, please select the to the upper right of the screen to exit, the system will not be affected.
2. If you are certain that you wish to perform this action, please select the data input block on the right, and enter the authorized code in the block to the left. Then tap **OK**.

- Appropriate situation: If the Pocket PC is unable to maintain normal operation, but the touch screen is functional. Please refer to the instructions in this section to troubleshoot.

- Result: This will retain only the Microsoft Windows, and factory pre-installed applications. Other settings such as user's input data, newly installed programs, and user custom settings will all be cleared.

Clean Boot

Cold boot method:

Press and hold both **POWER** button and **RESET** button for a while, then release them simultaneously. Wait for a few seconds until the screen wakes up displaying the model name, firmware version and firmware build date of your device, instantly press and hold .

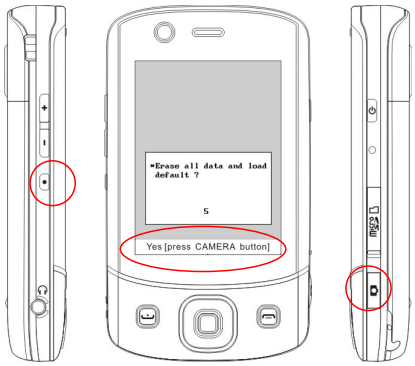
- Appropriate situation: If a previous reset has already been attempted and the Pocket PC is still unable to maintain normal operations, has no response, or if the screen is frozen.
- Before executing the preceding "Cold boot method", please carefully consider the following instructions and then decide on the cold boot method.

1. After a cold boot is performed, if no buttons are pressed, when Pocket PC automatically completes the system startup process, the last display will be the **Today** screen. This is identical to the reset result.
2. If a previous reset has already been attempted but the Pocket PC is still unable to maintain normal operation, consider the following solution:

   ❶ Press and hold both **POWER** button and **RESET** button for a while, then release them simultaneously.

   ❷Wait for a few seconds until the screen wakes up displaying the model name, firmware version and firmware build date of your device, instantly press and hold .

   ❸Continue pressing and release it when you see this message shown on the screen.



The operation "**Erase all data and load default?**" will delete all the data you stored on your device and restore it back to factory default settings.

- If you press ● upon seeing the line "**Yes [press CAMERA button]**" at the bottom of screen, all the data you stored, programs you installed and customized settings you made on this device will all be cleared. Follow the onscreen instructions to complete the resetting after the device reboots.
- Without your confirmation of this operation as pressing ●, the device will cancel this procedure after a few seconds idle.

Caution

1. After performing a cold boot, the system will retain Microsoft Windows and pre-installed programs. If you answer "**Yes**" to the question displayed after a cold boot, other items such as the user's input data, newly installed programs and user settings will be lost.
2. There are two ways to retain your data, loaded default and registry:
   ❶Perform a Reset.
   ❷Performing a Cold Boot, and answer "**No**" when the above question displays.

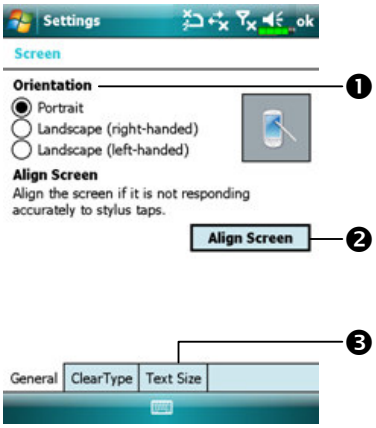
2 Using the Pocket PC

Start

Screen

Tap >**Settings** > **System** tab > **Screen**.

The first time you use or cold boot the pocket PC, the system will ask you to align the screen. Kindly continue to tap the center of each cross (**+**) that appears and follow the screen instructions to complete the operation. If you feel that the position is not quite accurate while tapping on the screen, you follow the help for this section to align the screen again.



❶Orientation:

Portrait (default)

Landscape (right-handed)

Landscape (left-handed)

❷Tap the **Align Screen** button to calibrate the screen. When Align Screen appears, use the stylus to tap the center of the cross (+) until the next cross appears, then follow the screen instructions to complete the operation. Finally, tap **ok** to exit.

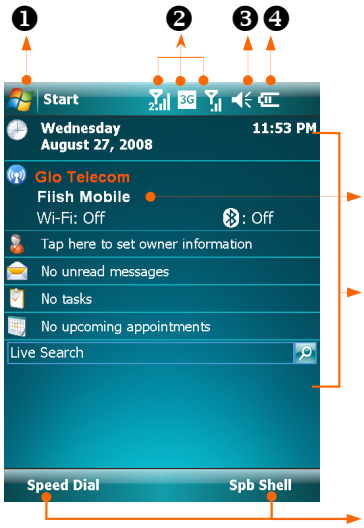
❸**Text Size** tab: For selecting the desired text size.

The following steps will bring you into the touch screen calibration mode. These steps provide a faster and more efficacious way to enter the touch screen calibration mode. And they also provide a method of getting into **Screen** program for when the touch screen dislocation is so severe that you completely cannot select or do anything using the stylus.

1. Simultaneously press on the bottom-left of the Pocket PC and the execution button in the center of the navigation pad.
2. Release these two buttons at the same time, and you will enter the calibration screen.

Today Screen

When you turn on your Pocket PC for the first time each day (or after 4 hours of inactivity), you will see the Today screen. You can also display it by tapping > **Today**. On the Today screen, you can see at a glance the important information for the day.



❶ **Start**.,tap to switch to a program.

❷Connection status icons, tap to view the connection details.

❸Speaker icon. For adjusting volume.

❹Current battery status.

❺**Communication Manager**

❻ Displays your dual phones staus. When the name of service provider appears in orange, this phone is currently selected as the primary phone number when you make a call.

❻**Today** screen. Displays important information for the day. Tap on any item to enter its relevant setup screen.

❼Tap to quick link to **Speed Dial** or **Spb Mobile Shell**.

The following table lists the icons that you may see on the Navigation Bar. Kindly refer to the "Meaning" column for explanation or tap on the icon to access the instant message.

Icon	Meaning (Located on the Navigation Bar at the top of the screen)
	Speaker is on
	Ringer off
	Pending alarm
	Battery charging
	Battery level
	Low battery
	Battery power is very low
	Battery is fully charged
	New instant message
	New e-mail or text message (SMS)
	New MMS mail
	If there is not enough space on the screen to display all notification icons, tap this icon to view all icons.
	Active connection to computer
	Synchronizing
	Sync error
	PowerPoint slide show

Icon	Meaning (Located on the Navigation Bar at the top of the screen)
	Missing **SIM1** card
	Missing **SIM2** card
	Phone1 is turned off.
	Phone2 is turned off.
	Phone1 is turned on. Signal strength.
	Phone2 is turned on. Signal strength.
	Phone1 has not yet detected signal
	Phone2 has not yet detected signal
	No service. **Phone1** has not yet connected to a network.
	No service. **Phone2** has not yet connected to a network.
	Phone1 is searching for signal.
	Phone2 is searching for signal.
	Phone Voice call in progress
	Data call in progress
	Calls are forwarded
	Call on hold
	Missed call
	Roaming
	Bluetooth
	Wireless Active
	Wireless Data Calling
	Wireless in use

Icon	Meaning (Located on the Navigation Bar at the top of the screen)
	GPRS not in use
	GPRS available
	GPRS connected
	Synchronizing over GPRS in use
	EDGE available
	EDGE connected
	Synchronizing over EDGE in use
	3G network available
	3G connected
	Synchronizing over 3G in use
	3.5 G network available
	3.5 G connected
	Synchronizing over 3.5 G in use

represent the availibility of various data connection services provided by SIM card you installed in **SIM1** slot. They are shown according to your monthly plans, telecom service provider, and network distribution conditions or effective system coverage area. To make modifications to your monthly plans, please contact your telecom service provider.

Programs

You can switch from one program to another by selecting it from the menu. (You can customize which programs you see on this menu. For information, see "Adjusting Settings" section.) To access some programs, you'll need to tap > **Programs**, and then the program name.

Icon	Programs	Description
	Games Group	Bubble Breaker, Solitaire
	GPS Group	GPS Viewer, Location SMS, Satellite Data Update
	Multimedia Group	Album, Camera, Namecard Manager
	Office Mobile Group	Excel Mobile, OneNote Mobile, PowerPoint Mobile, Word Mobile
	Phone Group	Scenarios, SIM Manager, SMS Sender, Speed Dial
	Utilities Group	Application Recovery, Backup Utility, Default Settings, Memory Optimization
	Voice Commander Group	Voice Commander, Voice Commander Settings
	ActiveSync	Synchronize information between your Pocket PC and computer.
	Calendar	Keep track of your appointments and create meeting requests.
	Contacts	Keep track of your friends and colleagues.
	Notes	Create handwritten or typed notes, drawings, and recordings.
	Tasks	Keep track of your tasks.
	Messaging	Send and receive e-mail messages.

Icon	Programs	Description
	Internet Explorer	Browse Web and WAP sites, and download new programs and files from the Internet.
	Windows Live	MSN related programs.
	Messenger	Send and receive instant messages with your MSN contacts.
	Calculator	Performs basic calculations.
	Pictures & Videos	Take, view, and edit pictures.
	Windows Media	Plays movies or sound files.
	Streaming Player	Playback video or audio files from RTSP, HTTP etc.
	Internet Sharing	Simulate Pocket PC as a modem for the PC to surf the Internet.
	Search	Quickly find the information you need.
	File Explorer	Manages files or folders.
	Communication Manager	Manage wireless connections and related functions.

You can also switch to some programs by pressing a program button. Your Pocket PC has one or more program buttons located on the front or side of the Pocket PC. The icons on the buttons identify the programs they switch to. For more information, refer to “Redefine Hot Keys” section.

System Application Programs

Tap > **Settings** > **Personal** tab

Program	Description
Buttons	Set the hot key for Pocket PC hardware button.
Input	Set the details about the input method.
Lock	Set the access rights and password of Pocket PC.
Menus	Set the items displaying on the Start menu.
Owner Information	Input owner information.
Phone	Set the details about the phone.
Phone2	Set the details about the phone2.
Sounds & Notifications	Set the volume and notification method.
Today	Set the look of Today screen and display information.

Tap > **Settings** > **System** tab

Program	Description
About	Display the important information about the Pocket PC.
Backlight	Set the details about the backlight and brightness.
Certificates	For network identification to prevent unauthorized access.
Clock & Alarms	Set the time and alarms.
Gravity Sensor Settings	The built-in gravity sensor is able to recognize how your hand manipulate this device and change the screen orientation accordingly.
Memory	View the memory usage, and the list of running programs, etc.
Microphone	Set the microphone volume.
Power	View the power usage condition, whether or not to power off after a waiting period.
Regional Settings	Set the region and information display formats such as date, time, etc.
Remove Programs	Remove programs that are no longer used.
Screen	Aligning the screen is helpful in determining the touch accuracy. You can select the portrait or landscape orientation.
System Information	View the system information.

Tap > **Settings** > **Connections** tab

Program	Description
Beam	Set if receiving end will accept beam data automatically or not.
Bluetooth	Establish the connection between the Pocket PC and other Bluetooth capable devices.
Comm. Manager	Manage the connections of your device.
Connection Wizard	Select the appropriate country and carrier name.
Connections	Set the network connection.
CSD Type	Set Pocket PC to simulate a modem and access the Internet through the built-in GSM device.
Domain Enroll	Enroll your device in company's domain, in order to connect it to the **System Center Mobile Device Manager**.
USB to PC	Change the type of USB connection.

Spb Mobile Shell

Spb Mobile Shell has easy to use functions and tools to keep your Pocket PC organized for quick access. The program consists of the main window panels (**Now Screen**, **Spb Menu**, **Speed Dial**), Quick panel (smart taskbar gestures), **Spb Contacts** (smart contact search), Task Manager, color based themes, and improved usability for device locking.

Starting Spb Mobile Shell

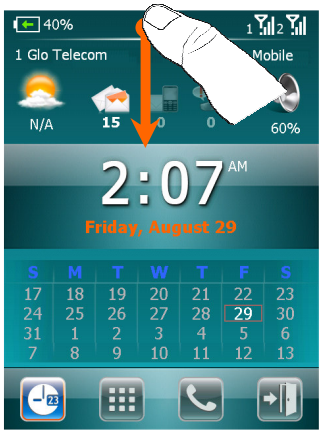
- On the Today screen, tap **Spb Shell** to quick link to Spb Mobile Shell.
- Taskbar Smart Gestures: Tap-and-hold in the middle of the taskbar to launch **Spb Mobile Shell**.

1. The taskbar smart gestures allow you to launch **Spb Mobile Shell** from any application you are in.

❶Tap-and-hold in the middle of the taskbar while moving your finger in a downwards gesture.

❷Select one of the panels and release when the gray popups window appears.

❸If you release your finger outside the gray area then the highlight disappears and the panels launching is canceled.



2. To return to the Today screen or the last active application, the following methods are available.

❶Slide your finger in a downwards gesture.

❷Tap .

Using Spb Mobile Shell

1. **Now Screen** panel: The **Now Screen** gives you a quick and easy way to check your device status.

❶Tap to select a city or open the weather details panel where you can update forecast or access the weather options.

❷Tap to adjust the phone profiles on your Pocket PC.

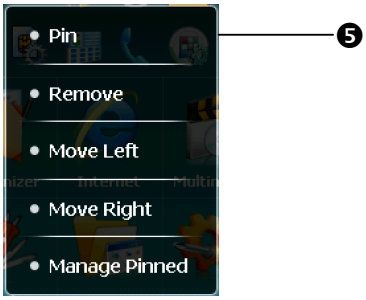
❸Three icons for e-mail, SMS, Voice mail, and missed calls. For example, when you receive an e-mail you will see the e-mail icon highlighted with the number of new e-mails you have in your inbox. You can open your Inbox to read new e-mails with just a tap, or with a few key presses.

❹Displays your current time and date. Tap to open the time screen for more details.

❺Use the left/right gesture to switch between the main window panels.

❻The calendar displays the days that correspond to the selected month and year settings.

❼Tap soft keys to switch between the main window panels. Tap to quit.



2. **Spb Menu** panel: **Spb Menu** consists of two parts, smart launcher at the top (12 shortcuts) and six large phone style menu items below.

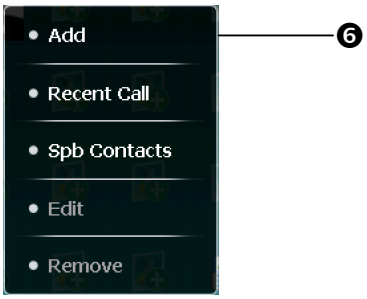
❶Tap to quick link.

❷The six large menu items not only show you what you have already on your Pocket PC but it also adds very useful tools under some categories.

❸Use the left/right gesture to switch between the main window panels.

❹Tap soft keys to switch between the main window panels. Tap to quit.

❺Tap and hold on any of the 12 items and **Pin** your favorite items or select **Manage Pinned** to customize the smart launcher.



3. **Speed Dial** panel: The **Speed Dial** allows you to add up to sixteen photo contacts of your choice. You can also add a shortcut to the **Spb Contacts** on the panel.

❶Add your favorite contacts to the **Speed Dial** panel (applies only to entries stored in **Contacts** on your Pocket PC).

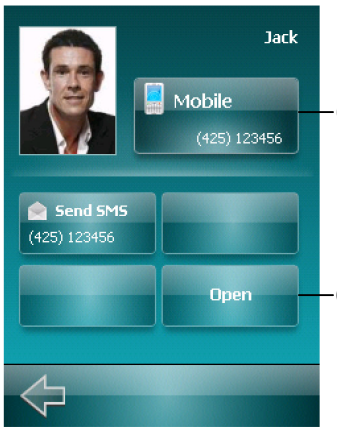
❷Tap the photo, name, or number of the contact whom you want to call.

❸Use the left/right gesture to switch between the main window panels.

❹Tap to link to **Spb Contacts**.

❺Tap soft keys to switch between the main window panels. Tap to quit.

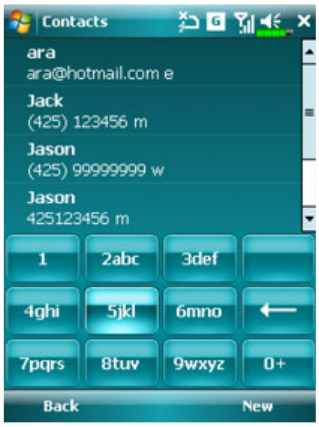
❻Tap and hold to open the context menu.



➲On the **Speed Dial** panel, tap the photo, name, or number of the contact whom you want to call. The contact panel of your selected contact is then displayed.

❶Select one of the phone numbers that you want to dial or send a text message.

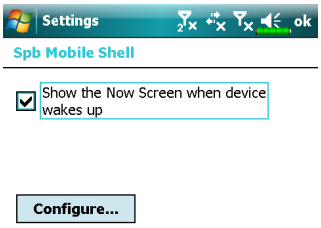
❷Tap **Open** to view the contact full details card.



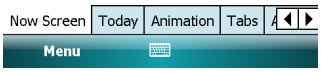
➲On the **Speed Dial** panel, tap . The **Spb Contacts** panel is then displayed. When you start entering a phone number or contact name, **Spb Contacts** will automatically search and sort the contact entries that match the sequence you have entered. You can then select the desired number or contact from the filtered list to dial.

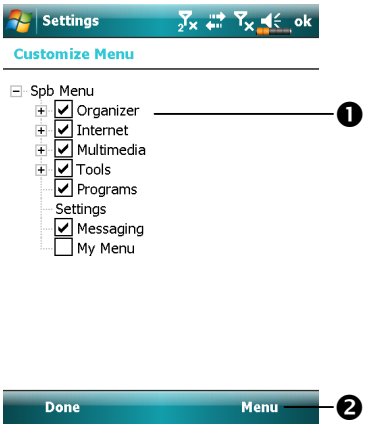
Configuring Spb Mobile Shell

- On the Spb Menu panel, tap **Settings** category > **Spb Mobile Shell**.
- Tap > **Settings** > **System** tab > **Spb Mobile Shell**.



1. **Now Screen** tab: Customize options on your **Now Screen** display.
   Show the Now Screen when device wakes up: Enable this option to show the **Now Screen** each time you wake your device from te standby mode.





2. **Advanced** tab: Customize **Spb Menu** and **Now Screen** advanced options.
3. On the menu of **Advanced** tab, tap **Menu** to open the customization dialog of the six large menu items of the **Spb Menu** panel.

❶**Spb Menu** tree.

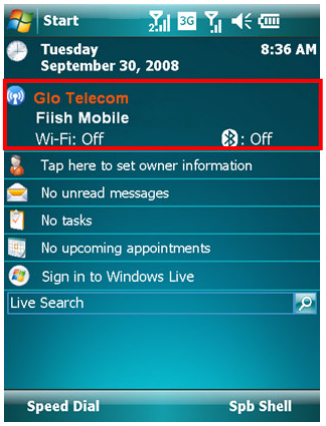
❷Provides the relevant menu.
You can **Move Up**, **Move Down**, **Edit**, **Remove**, **Add** and open the **Menu Option** for any of the **Spb Menu** tree items.

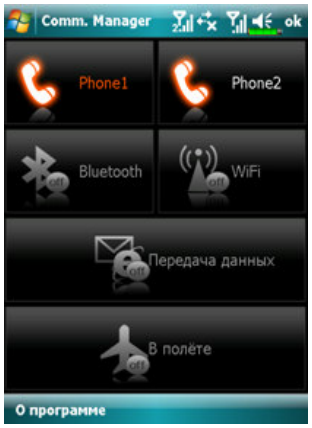
Communication Manager

Communication Manager will assist you to manage the wireless connections of the Pocket PC including **Phone1**, **Phone2**, Bluetooth, WiFi and data connection.

You can access **Communication Manager** by these methods:

- On the Today screen, tap.
- On the Today screen, tap the connection status icons on navigation bar, when the message window appears, tap Comm. Manager.
- Tap > **Programs** > **Comm. Manager**





Switching a Connection On / Off

On **Communication Manager** screen, single tap on these buttons to activate or disable each individual functions.

- The icon indicates that the associated function is currently in the off state. For example, tap , when it becomes , the GPRS connection is available.
- Tapping these buttons will turn the icons orange, indicating that these functions are newly activated.
- To turn off these functions, simply tap on the buttons once again.

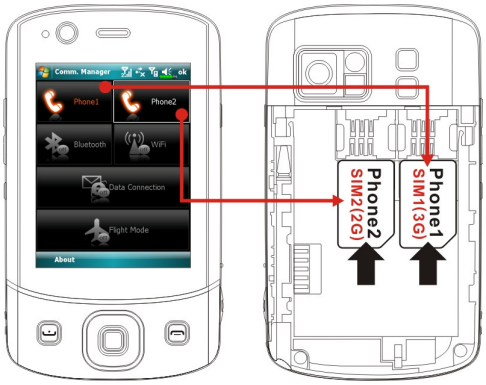
Note

You can enable **Data Connection** only when a 3G/GPRS SIM card in **SIM1(3G)** slot and **Phone1** is pre-activated.

Managing Dual SIM Cards on a Single Device

You can have two numbers activated simultaneously on this device as if carrying two cell phones. Every time you call out or send a message, you may choose the network at the most economical rate while receiving with the other number freely.

In **Communication Manager**, tap **Phone1** or **Phone2** icon to activate the SIM card you have installed in the corresponding slot.



SIM1(3G) card slot is dedicated for SIM cards enabling data services over cellular network. To use video call, web-browsing, MMS or E-mail services, please install a 3G/GPRS compatible SIM card in this slot, and activate **Phone1**.

SIM2(2G) card slot allows only the GSM services like voice call, text messaging and emergency number (in most countries)that your SIM card supports. To start using it, install any 2G SIM (a 3G SIM card may do) in this slot and activate **Phone2**.

❶ **Phone1**:
Connection status of SIM stored in **SIM1(3G)** slot.

❷ As the SIM is successfully activated, the telephone receiver symbol will turn from dim grey to glowing orange, and you may receive incoming calls and messages on this number

❸ **Phone2**:
Connection status of SIM stored in **(SIM2)2G** slot.

❹ When the text **"Phone1"/ "Phone2"** is in orange, it indicates this number is currently selected to send outgoing calls when you press .

Flight Mode

You can enter Flight Mode in which all the wireless connections are disabled if your are to save down battery power or in occasions where wireless connections are prohibited like on a flight, at a medical facility, or at a gas pump.

Launch the **Communication Manager** and then tap the button. When the color of the icon turns orange , the Flight Mode is activated and the wireless connections of the Pocket PC are all disabled.

Enter Information on Your Pocket PC

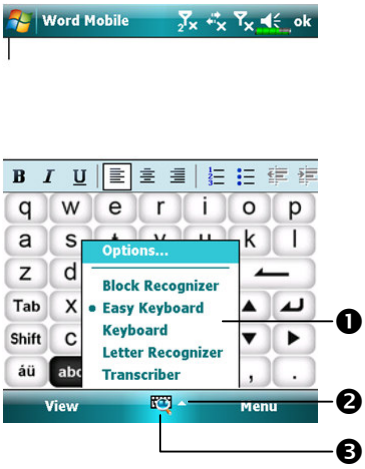
You have several options for entering new information:

1. Use the input panel to enter typed text, either by using the soft keyboard or other input method.
2. Write directly on the screen.
3. Draw pictures on the screen.
4. Speak into your Pocket PC microphone to record a message.
5. Use synchronization tools to synchronize or copy information from your desktop computer to your Pocket PC. For more information, see Help on your desktop computer.

Enter Text Using the Input Panel

Use the input panel to enter information in any program on your Pocket PC. You can either type using the soft keyboard or write using **Letter Recognizer**, **Block Recognizer**, or **Transcriber**. In either case, the characters appear as typed text on the screen.

To show or hide the input panel, tap the Input Panel button. Tap the arrow next to the Input Panel button to see your choices.



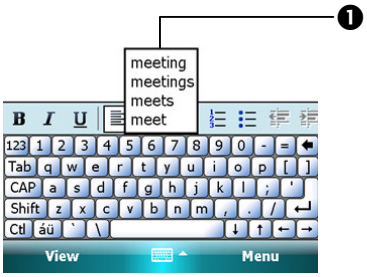
❶Select an input method.

❷Tap to see your choices.

❸Input Panel button.

When you use the input panel, your Pocket PC anticipates the word you are typing or writing and displays it above the input panel. When you tap the displayed word, it is inserted into your text at the insertion point. The more you use your Pocket PC, the more words it learns to anticipate.

❶Tap here if this is the right word.



Note

To change word suggestion options, such as the number of words suggested at one time, tap > **Settings** > **Personal** tab > **Input** > **Word Completion** tab.

Type with the Soft Keyboard

1 Tap the arrow next to the Input Panel button and then **Keyboard**.
2 On the soft keyboard that is displayed, tap the keys with your stylus.

Use Letter Recognizer

With Letter Recognizer you can write letters using the stylus just as you would on paper.

1 Tap the arrow next to the Input Panel button and then **Letter Recognizer**.
2 Write a letter in the box.
When you write a letter, it is converted to typed text that appears on the screen. For specific instructions on using **Letter Recognizer**, with **Letter Recognizer** open, tap the question mark next to the writing area.

Use Block Recognizer

With Block Recognizer you can input character strokes using the stylus that are similar to those used on other Pocket PCs.

1. Tap the arrow next to the Input Panel button and then **Block Recognizer**.
2. Write a letter in the box.

When you write a letter, it is converted to typed text that appears on the screen. For specific instructions on using **Block Recognizer**, with **Block Recognizer** open, tap the question mark next to the writing area.

Use Transcriber

With **Transcriber** you can write anywhere on the screen using the stylus just as you would on paper. Unlike **Letter Recognizer** and **Block Recognizer**, you can write a sentence or more of information. Then, pause and let **Transcriber** change the written characters to typed characters.

1. Tap the arrow next to the Input Panel button and then **Transcriber**.
2. Write anywhere on the screen.

For specific instructions on using **Transcriber**, with **Transcriber** open, tap the question mark in the lower right hand corner of the screen.

Select Typed Text

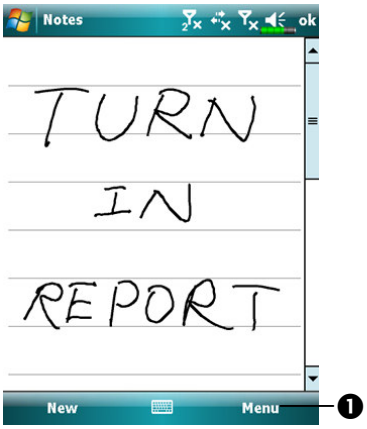
If you want to edit or format typed text, you must select it first. Drag the stylus across the text you want to select. You can cut, copy, and paste text by tapping and holding the selected words and then tapping an editing command on the pop-up menu, or by tapping the command on the **Menu** menu.

Write on the Screen

In any program that accepts writing, such as the **Notes** program, and in the **Notes** tab in **Calendar**, **Contacts**, and **Tasks**, you can use your stylus to write directly on the screen. Write the way you do on paper. You can edit and format what you've written and convert the information to text at a later time.

Write on the Screen

Tap **Menu** and then check **Draw** to switch to writing mode. This action displays lines on the screen to help you write.



❶Tap **Menu** and then check **Draw**.
Use your stylus like a pen now.

Note

Some programs that accept writing may not have the **Draw** function. See the documentation for that program to find out how to switch to writing mode.

Select Writing

If you want to edit or format writing, you must select it first.

1. Tap and hold the stylus next to the text you want to select until the insertion point appears.
2. Without lifting, drag the stylus across the text you want to select.

If you accidentally write on the screen, tap **Menu**, then **Undo** and try again. You can also select text by tapping **Menu** and then **Draw** to deselect it and then dragging the stylus across the screen.

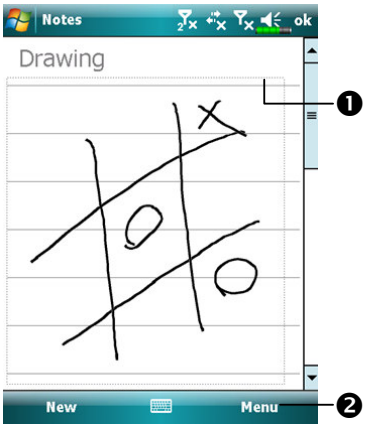
You can cut, copy, and paste written text in the same way you work with typed text: tap and hold the selected words and then tap an editing command on the pop-up menu, or tap the command on the **Menu** menu.

Draw on the Screen

You can draw on the screen in the same way that you write on the screen. The difference between writing and drawing on the screen is how you select items and how they can be edited. For example, selected drawings can be resized, while writing cannot.

Create a Drawing

Cross three ruled lines on your first stroke. A drawing box appears. Subsequent strokes in or touching the drawing box become part of the drawing. Drawings that do not cross three ruled lines will be treated as writing.



❶The drawing box indicates the boundaries of the drawing.

❷Tap **Menu** and then check **Draw**.

Note

You may want to change the zoom level so that you can more easily work on or view your drawing. Tap **Menu**, **Zoom** and then a zoom level.

Select a Drawing

If you want to edit or format a drawing, you must select it first. Tap and hold the stylus on the drawing until the selection handle appears. To select multiple drawings, tapping **Menu** and then **Draw** to deselect it and then drag to select the drawings you want.

You can cut, copy, and paste selected drawings by tapping and holding the selected drawing and then tapping an editing command on the pop-up menu, or by tapping the command on the **Menu** menu. To resize a drawing, make sure the **Draw** function is not selected, and drag a selection handle.

Record a Message

In any program where you can write or draw on the screen, you can also quickly capture thoughts, reminders, and phone numbers by recording a message. In **Calendar**, **Tasks**, and **Contacts**, you can include a recording in the **Notes** tab. Refer to "Voice Recording Format" section.

In the Notes program, you can either create a stand-alone recording or include a recording in a written note. If you want to include the recording in a note, open the note first. In the Inbox program, you can add a recording to an e-mail message.

Create a Recording

1. Hold your Pocket PC's microphone near your mouth or other source of sound.
2. Press and hold the **Record** hardware button on your Pocket PC until you hear a beep.
3 While holding down the **RECORD** button, make your recording.
4 To stop recording, release the **RECORD** button. Two beeps will sound. The new recording appears in the note list or as an embedded icon.

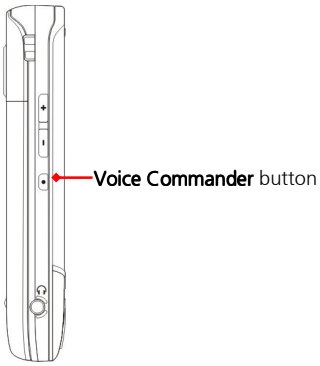
Note

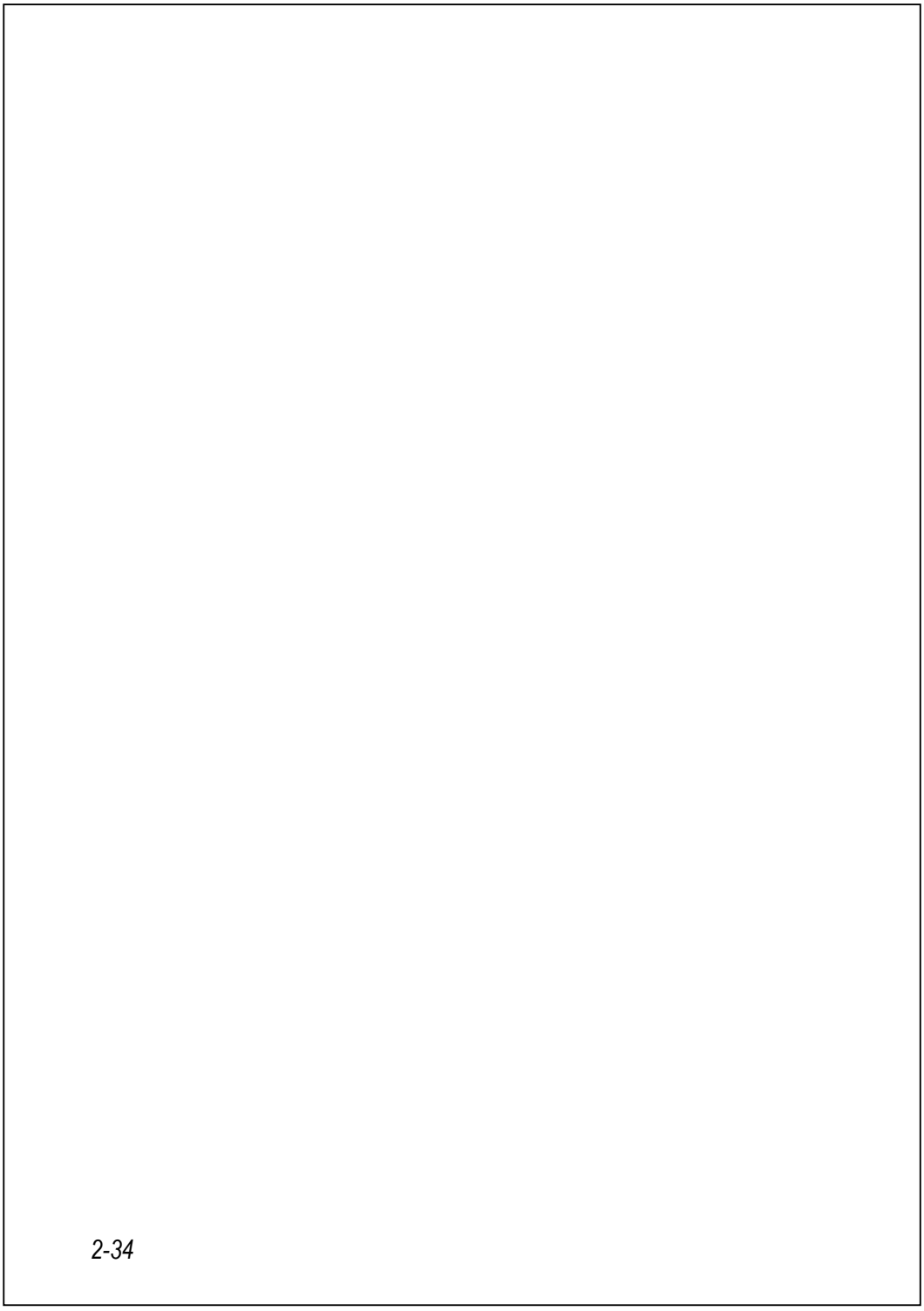
You can also make a recording by tapping the **RECORD** button on the Recording toolbar.To play a recording, tap it in the list or tap its icon in the note.

❶Indicates an embedded recording.
❷Tap to begin recording.
❸Recording toolbar.
❹Tap **Menu** and then check **View Recording Toolbar**.

Voice Commander

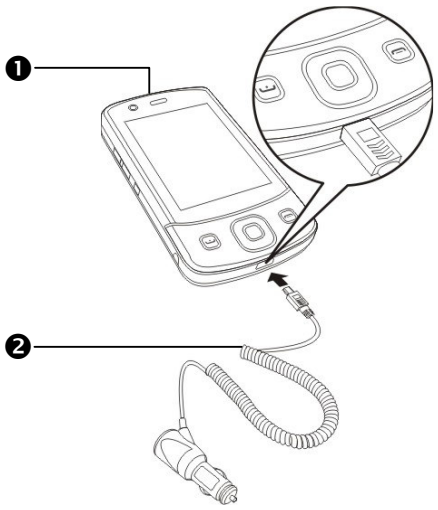
By default, the system sets the button on the side of the Pocket PC as the "**Voice Commander** button." Press this button to launch the **Voice Commander**. For details on how to use this function, please refer to the Voice Commander section.





3 Voice Command and Satellite Navigation

Navigation Device Installation



❶Pocket PC

❷Car Charger (* optional): when Pocket PC is low on power, recharge by connecting one end to the car cigarette lighter/12 volt power outlet and the other end to the socket on base of Pocket PC.

Attention: The GPS signal receiver is built into the Pocket PC. If car windscreen has heat reflective metallic film, or Pocket PC is obstructed by objects, then the receptivity of the GPS will be adversely affected.

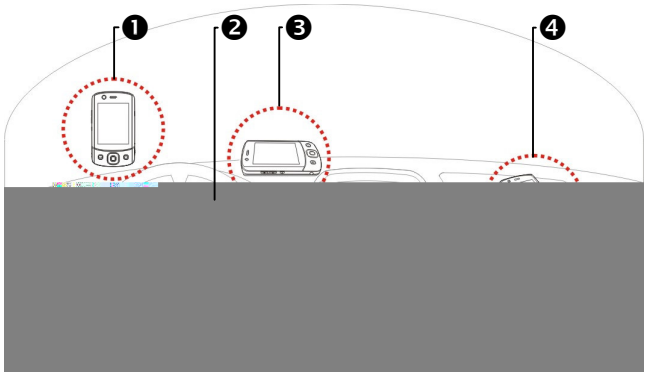
GPS Navigation Software Installation

Please follow your car navigation system operating manual's instructions on software installation in order to use the navigation function.

Conditions for Using GPS Car Navigation

By using this system you are agreeing to the following conditions:

1. When using this device, please use with matching car mounts. Affix device securely to the car mount. Please be aware that installation in the areas depicted below is forbidden and is strictly prohibited.



❶Do not place where it will obstruct driver vision

❷Do not place over air bag

❸Do not place where it can not be securely attached

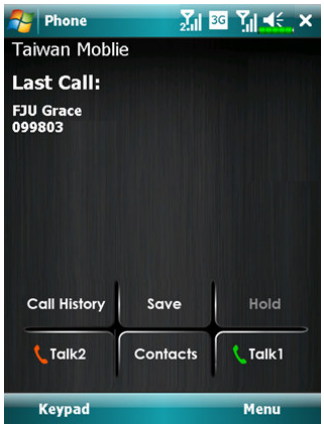
❹Do not place in path of activated air bag

Note

If a call enters one SIM number while the other SIM number is already on a call, a pop-up window will inform you of the new incoming call, tap **Answer** to answer it, which will hang up the previous call in the meantime; or tap **Ignore** to hang up the new incoming call.

Ending a Call

During a connected call, you can tap **End** or press to hang up. As a screen of Last Call detail shows, you can tap **Talk1** or **Talk2** to redial to this contact.



Video Call

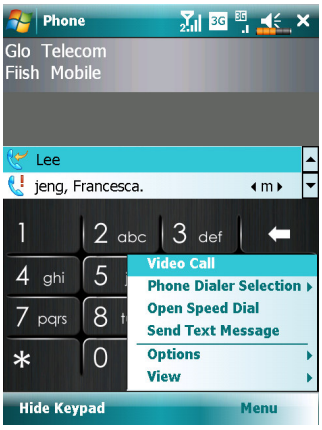
Video Call enables you to see a real-time, two-way video of the other party during a call.

To establish an instant video call with your device, make sure:

- You are using a 3G SIM card in the coverage of network.
- The other party is equipped with a compatible device and service system.

Making a video call

1. On Phone screen, Select your contact and tap **Menu** > **Video Call**.



2. After dialing out, you will have to wait for a few seconds until video images of both parties are shown on your screen. If this video call fails to get connected, a window will pop up asking to redial or make a voice call.
3. As the video call is set up successfully, you may access several options during this call:

❶ Carrier name and talk time
❷ Incoming / Outgoing call number
❸ Return to voice call keypad
❹ Video screen of your contact
❺ Video screen of yourself

❻ Video call control panel:

Stop sending your video
Switch to front/rear camera lens
Video brightness
Mute / Unmute microphone
Chang the layout of both party's screen
End the video call

4. To end the call, simply tap on the Video Call main menu.

Receiving a video call

Upon receiving a video call, a window pops up to notify you that this is an incoming video call. If you tap **Answer**, your device will start sending your image to your recipient, tap to stop showing the other party your image during the call.

Note

1. Please insert your 3G SIM card in **SIM1** slot, and activate **Phone1** before making or receiving a video call.
2. If the video call dial out is unsuccessful, it is possible to switch to normal voice calls.
3. G E 3G H represent the availability of various data connection services provided by SIM card you installed in **SIM1** slot. They are shown according to your monthly plans, telecom service provider, and network distribution conditions or effective system coverage area. To make modifications to your monthly plans, please contact your telecom service provider.

Customizing Your Phone

You can enter the **Phone** or **Phone2** settings page from > **Settings** > **Personal** tab on the Today screen to modify the relevant service settings. Note that the setup values you can change here depend on the services provided by your telephone company. If you choose the phone that is not currently activated, you will have to activate it before entering the settings page.

❶You can set the ring type as ring, vibration or mute.

❷If you want to use a customized ring tone file, use the synchronization program on your desktop computer to copy the .wav ring tone file to the /Windows/Rings folder on the Pocket PC. You can then select this ring tone from the Ring tone list.

❸Set the key sound for dialing.

❹You can set a PIN (Personal Identity Number) to block unauthorized access to your phone. Your first PIN is provided by your phone service provider.

Phone Application Programs

Caution

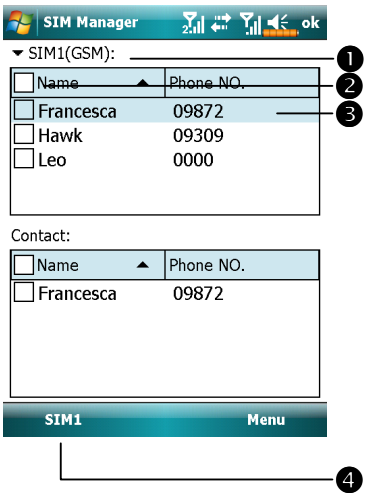
Before you can use the functions described in the **Phone** Group. Make sure that the SIM card is properly installed in your Pocket PC and the Phone is already turned on.

If your Pocket PC does not include this function, it means it is not supported and you can skip this chapter.

SIM Manager

You can use **SIM Manager** to manage contact entries stored on your SIM cards, edit and copy contacts from SIM cards to your device, or vice versa.

Tap > **Programs** > **Phone** > **SIM Manager**.



❶Tap and hold to open a list to choose between **SIM1** and **SIM2**.

❷Check the box to select all contact.

❸**Contact entry**

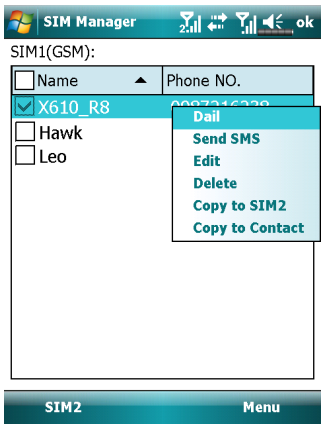
Tap and hold to bring up a menu of contact options.

❹Tap to switch among various display modes.

Change Display Mode

You can change the display mode of SIM Manager to **Standard**, **SIM1** Contacts, **SIM2** Contacts and Outlook **Contacts**.

When switching to **SIM1** or **SIM2**, the full screen display for SIM card phonebook or Contacts will be as shown as per the illustration below. This will enable the phonebook contacts to be easier to read and more precise management can be conveniently performed.



Copy Phonebook Information

You can copy contact entry from **SIM1**, **SIM2** or your device to one another.

1. Check the ☐ in front of a phonebook entry to select it.
2. On highlighted area, tap and hold to bring up a menu.
3. Tap **Copy to SIM1/SIM2** or **Copy to Contact**.

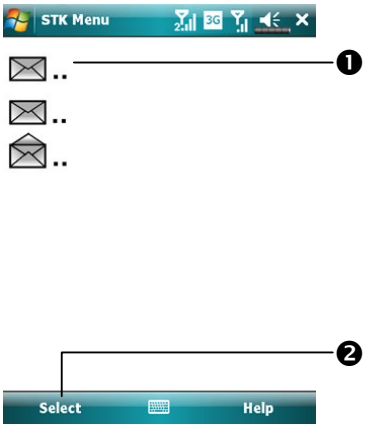
Note

If you copy an entry comprising multiple numbers to a SIM card, only one number will be copied to the target storage place under the contact name.

SIM Tool Kit

Tap > **Programs** > **SimTKUI** (SIM Tool Kit).

This screen will list only the service menu offered by **SIM1** which you installed in **SIM1** slot.



➲This screen is for reference only. The actual screen is based on the service items provided by your telecom company.

❶Tap any service item.

❷**Select** button: Launch service item. Follow the screen or voice instructions.

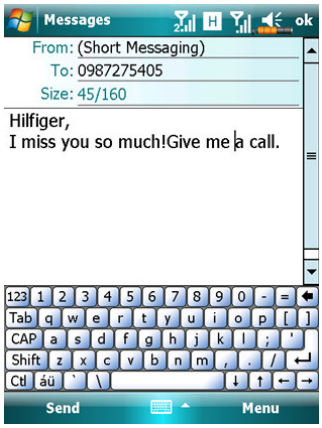
SMS Sender

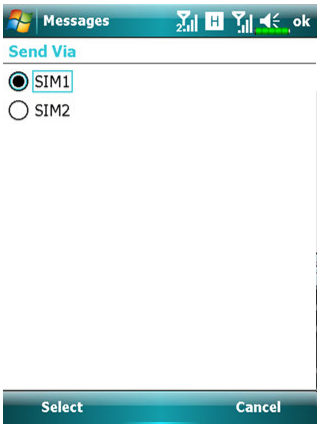
Tap > **Programs** > **Phone** > **SMS Sender**

SMS Sender is a shortcut for you to directly start editing a new text message and send it out.

To send a text message, on message composing screen:

1. Enter the recipient's number in **To** field, or tap **Menu** > **Add Recipient** to select a person from **Contacts**.
2. Enter the content of your message in text field.
3. Tap **Send**
4. On **Send via** screen, choose the SIM number that you'll use to send this message.

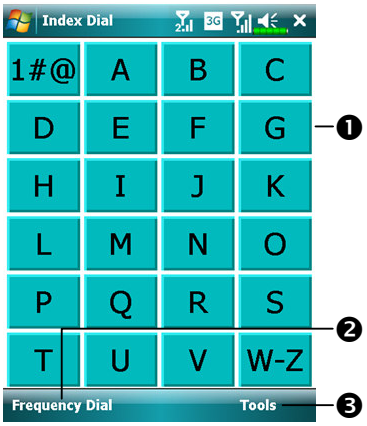




Speed Dial

Tap > **Programs** > **Phone** > **Speed Dial**.

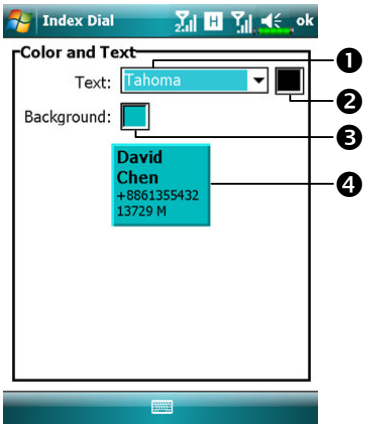
Hot Key Switch



❶Tap the box according to the functions provided by the system.

❷Tap to switch between these functions: **Frequency Dial** → **Index Dial**.

❸**Tools** button: Provides the relevant menu. For example, select **Settings** to set the interface as **Frequency Dial** or **Index Dial**. Select **Sound on/off** to set the sound for tapping the screen.



Tap **Tools** and then **Color and Text** to enter the Setting screen shown on the left. You can set the text font, text color and button background color according to your personal preferences.

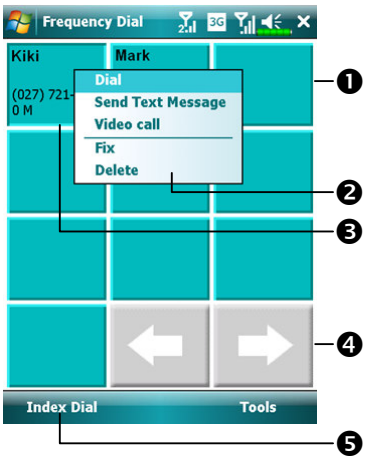
❶Font

❷Text color

❸Button background

❹Preview area

Frequently Dialed Screen



Frequency Dial screen

❶Tap any phone entry box to speed dial. You will make a call on the number currently selected by your device. To select the other number, press to enter Phone screen, tap **Menu** > **Phone Dialer Selection**

❷Tap and hold the box, then select appropriate command from the pop-up menu.

❸Sort according to the number of calls in descending order. The upper left corner has the most number of calls while the lower right corner has the least number.

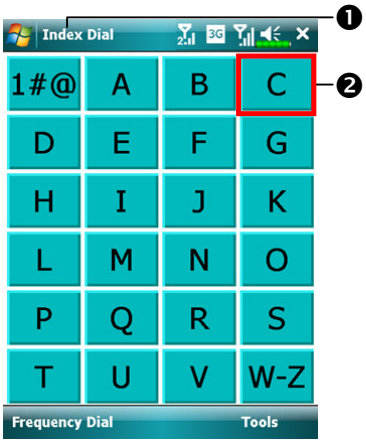
❹◀ ▶: Tap to view the previous or next page.

❺Tap to switch to the **Frequency Dial** screen as shown on the left.

Note

To make a video call from **Speed Dial**, please install your 3G SIM card in **SIM1** slot and activate **Phone1**.

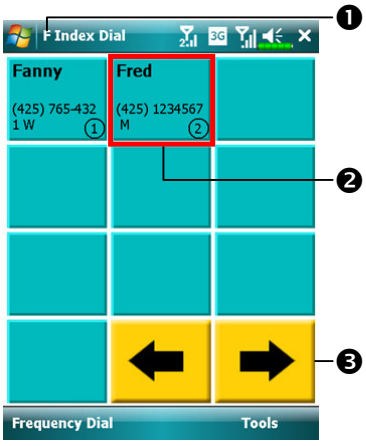
Index Dial



Index Dial screen

❶Switch to the Index Dial screen as shown on the left.

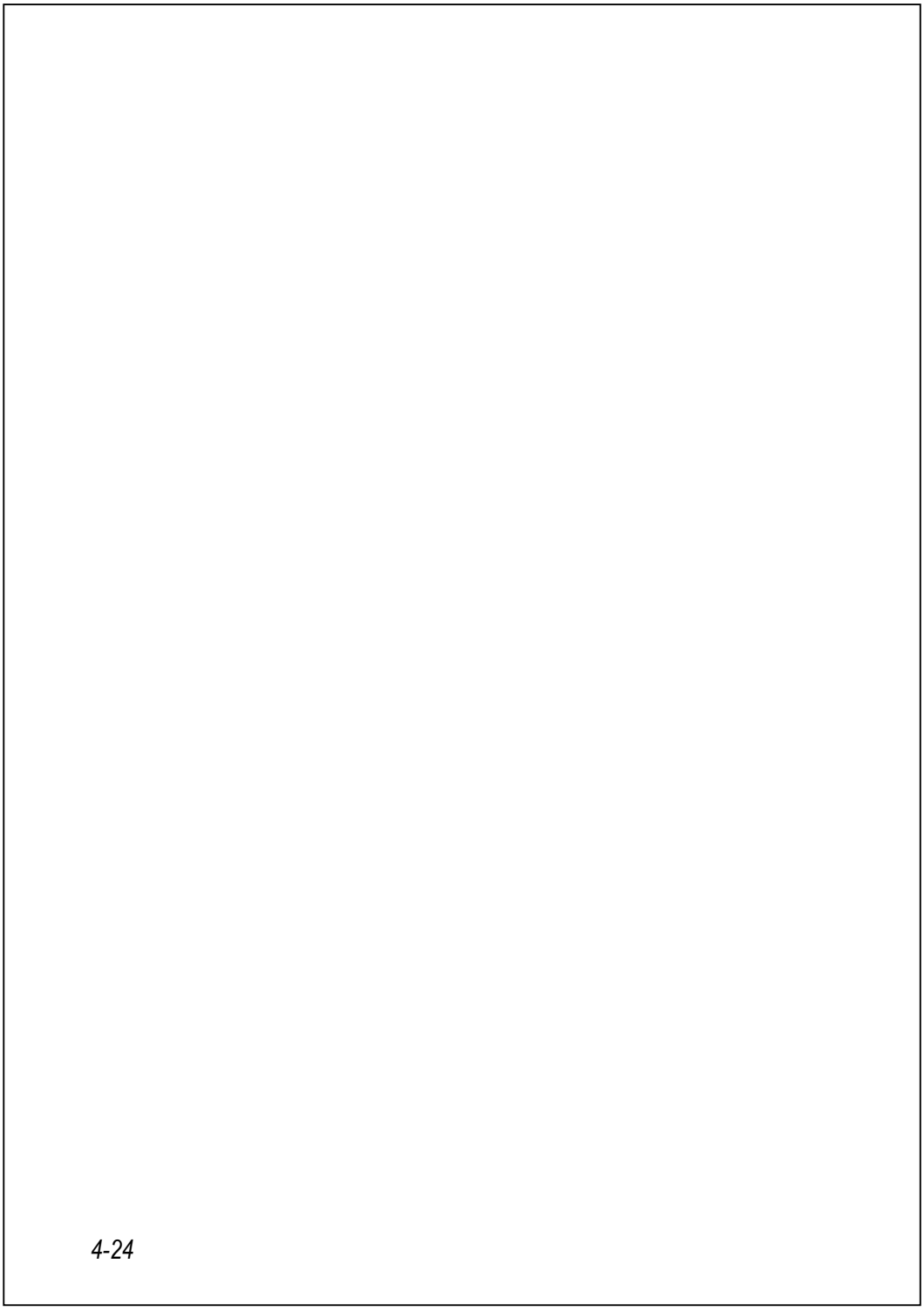
❷Tap on any letters. The content displayed are the data created in **Contacts**. If you did not create any data in Contacts, the screen is blank.



❶The letter "F" appears on the upper left side of the screen (see left). This indicates that this page contains all address data that starts with "F". The English Address Book is arranged alphabetically using the First Name.

❷Tap any box to speed dial.

❸◀ ▶: Tap to view the previous or next page.



5 Customize Your Pocket PC

You can adjust the Pocket PC settings according to your personal preferences and install other programs.

Adjusting Settings

To see available options, tap > **Settings** > **Personal** or **System** tab located at the bottom of the screen. The following utilities allow you to adjust the settings based on your personal work style.

- **Clock & Alarms**, to change the time or to set alarms
- **Menus**, to customize what appears on the menu, and to enable a pop-up menu from the New button
- **Owner Information**, to enter your contact information
- **Lock**, to limit access to your Pocket PC
- **Power**, to maximize battery life
- **Today**, to customize the look and the information that is displayed on the Today screen

Notifications

Your Pocket PC reminds you in a variety of ways when you have something to do. For example, if you've set up an appointment in **Calendar**, a task with a due date in **Tasks**, or an alarm in **Clock & Alarms**, you'll be notified in any of the following ways:

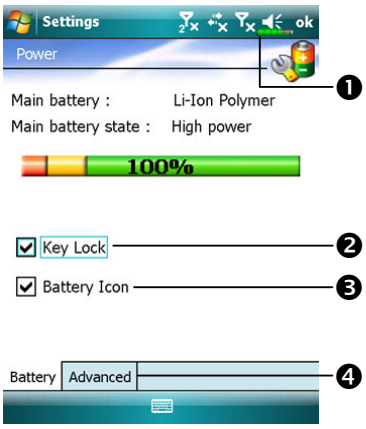
- A message box appears on the screen.
- A sound, which you can specify, is played.
- A light flashes on your Pocket PC.
- The Pocket PC vibrates.

To choose reminder types and sounds for your Pocket PC, tap and then **Settings**. In the **Personal** tab, tap **Sounds & Notifications**. The options you choose here apply throughout the Pocket PC.

Power Preference Settings

Tap > **Settings** > **System** tab > **Power**.

View the power usage condition or perform the relevant power management settings.



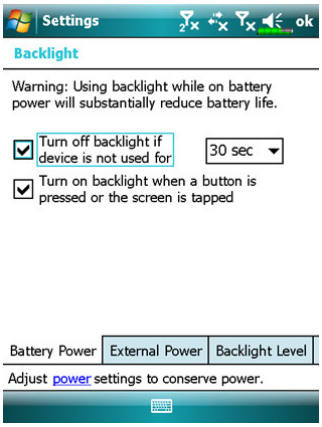
❶Power icon

❷Check this item, so that when you accidentally press the hardware buttons on the Pocket PC, the Pocket PC will not exit the sleep mode. This will prevent unnecessary power consumption if a button is being pressed accidentally and not being discovered in time.

❸Checking this item displays the power icon on the upper right side of the screen.

❹**Advanced** tab: Set the Pocket PC to turn off automatically after a period of inactivity.

Backlight



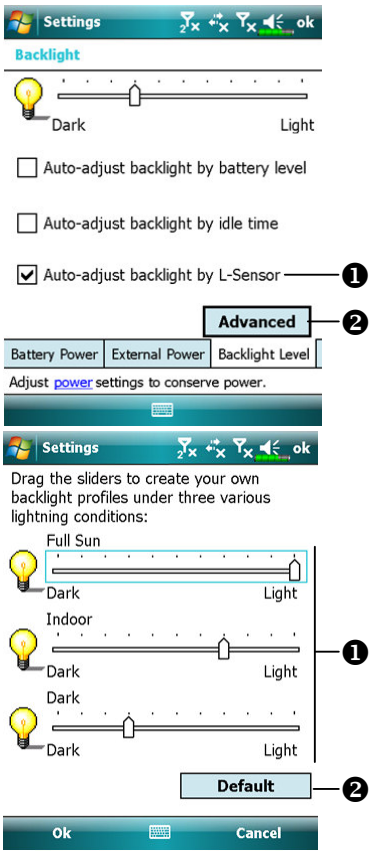
Tap > **Settings** > **System** tab > **Backlight**.

1. **Battery Power** or **External Power** tab: Set the relevant backlight functions.
2. **Backlight Level** tab: Adjust the backlight level.

Light Sensor

The unique light sensor within your Pocket PC enhances the accuracy of onscreen view and decreases your eyestrain while saving on more battery life. Based on the ambient light intensity the sensor detected, it will adjust backlight brightness dynamically. The lighter the environment is, the more illumination the device outputs to brighten the screen; in a dusky place like a tunnel, the device dims the screen a bit to reduce power consumption.

Tap > **Settings** > **System** tab > **Backlight** > **Backlight** Level tab.



❶Check "**Auto-adjust backlight by light sensor**" to activate the light sensor.

❷Tap to set your own backlight profiles.

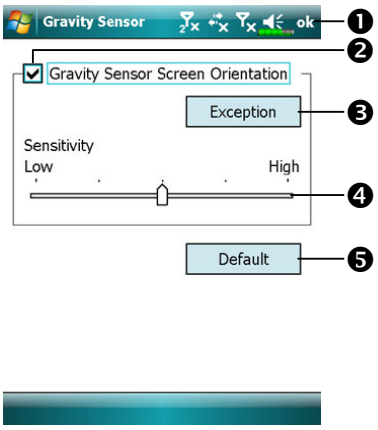
❶Drag the slider under each of the three light conditions to set your own profile. Tap **OK** to save your settings.

❷Tap to restore default settings.

Gravity Sensor

The gravity sensor in your Pocket PC is able to recognize its own orientation manipulated by your hand, and would so change the screen orientation accordingly. For example, if you position the device vertically and then turn it into a horizontal orientation, the screen mode will then change from portrait to landscape automatically.

Tap > **Settings** > **System** tab > **Gravity Sensor**.



❶Tap ok to save settings.

❷Check "**Gravity Sensor Screen Orientation**" to turn on Gravity Sensor.

❸Tap to check applications in which gravity sensor will disable itself.

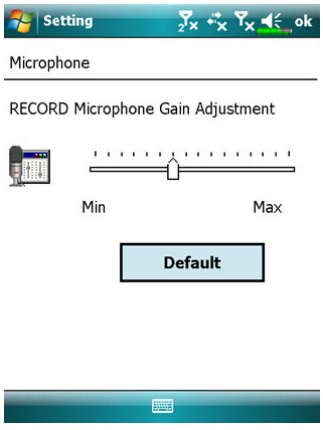
❹Drag the slider to adjust the sensitivity.

❺Restore to default system settings.

Microphone

Profile	Microphone	Cause
* **Voice Commander** voice control	Turn the volume down and find the proper volume setting for better recognition of system.	Surrounding interference recorded when volume up.
Speech recording	Turn the volume up.	More distance from the lecturer more interference recorded.

* Used for the version built in "**Voice Commande**r."



Tap > **Settings** > **System** tab > **Microphone**.

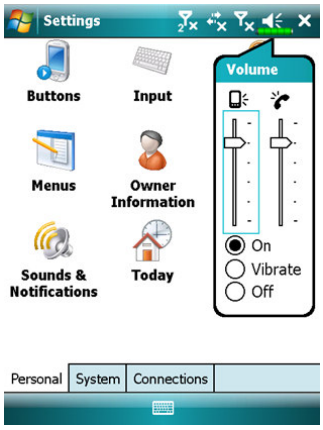
1. Use the slider to adjust volume of the recording mic.
3. **Default** button: Restore to default system settings.

Note

This document lists the functions, specifications, and illustrations for reference only. The actual purchased product should be taken as the standard.

Adjust Volume

Push the volume control key on the side of the Pocket PC. Or use the stylus to tap the icon on the top of the screen to adjust all program sound functions under . Adjust the incoming call's volume under .

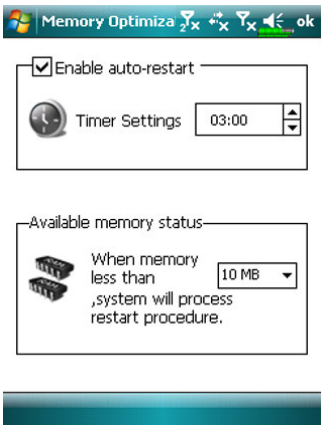


1. Adjust volume: When set to ⦿ **On**, use the stylus to tap and drag the slider up and down to adjust the volume. You can also push + or - on the side of the Pocket PC.
2. Vibrate: Under ⦿ **Vibrate** mode, the sound function of all programs will be replaced by vibration, including incoming call rings. The icon on the top changes to
3. Mute: Under ⦿ **Off** mode, the sound function of all programs will be turned off, including incoming call rings. The icon on the top changes to .

Memory Optimization

Tap > **Programs** > **Utilities** > **Memory Optimization**.

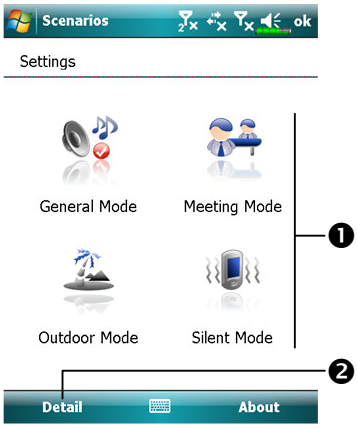
Memory Optimization helps you to optimize the memory using in your Pocket PC.



1. Enable the auto-restart option and select the timer.
   Your Pocket PC will automatically restart.
2. Select the least memory.
   Your Pocket PC will restart when the memory is less than your settings.

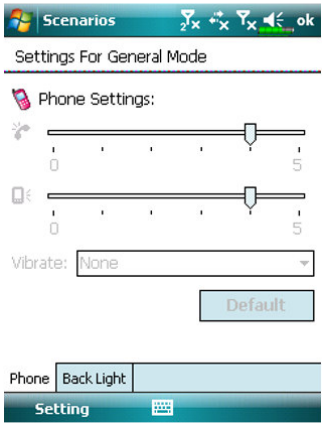
Scenarios

Tap > **Programs** > **Phone** > **Scenarios**



❶Select an applicable mode.

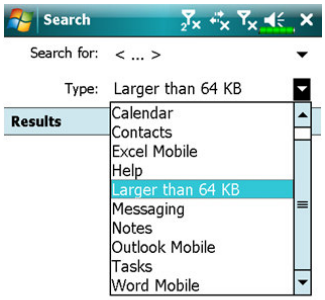
❷**Details** button: Set the relevant options for this mode, such as volume, backlight, etc.



➲Tap **Details** button to enter the screen shown on the left. And then tap **Settings** button to set the relevant options for this mode, such as volume, backlight, etc.

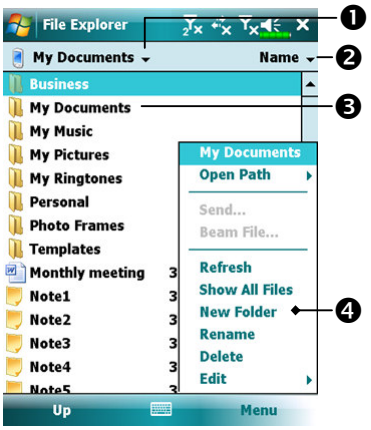
Find and Organize Information

The **Search** feature on your Pocket PC helps you quickly locate information.



1. Tap > **Programs** > **Search**. Input the text you want to find and then select the data type. Tap on **Search** to start the search.
2. To find information that occupies a larger space, select **Larger than 64 KB** for **Type**.

Actually, you can use **File Explorer** to search for files and place these files into folders systematically. Just tap > **Programs** > **File Explorer**.



❶Tap to change folders.

❷Select the sort order for the list.

❸Tap the folder name to open folder.

❹Tap **Menu** and then **New Folder** to create a new folder.

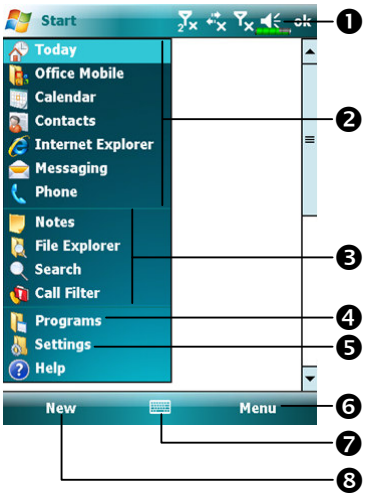
Note

You can move files in **File Explorer** by tapping and holding the item you want to move, and then tapping **Cut** or **Copy** and **Paste** on the pop-up menu.

Navigation Bar and Command Bar

The navigation bar is located at the top of the screen. It displays the active program and current time, and allows you to switch to programs and close screens.

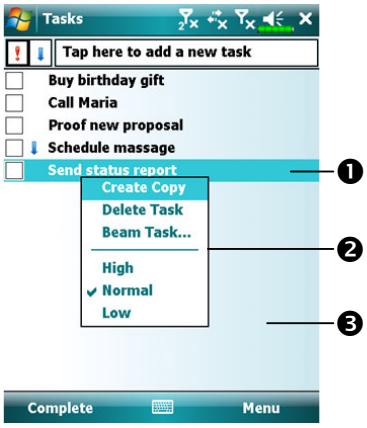
Use the command bar at the bottom of the screen to perform tasks in programs. The command bar includes menu names, buttons, and the Input Panel button. To create a new item in the current program, tap **New**. To see the name of a button, tap and hold the stylus on the button. Drag the stylus off the button so that the command is not carried out.



❶Tap to change volume or mute the Pocket PC.
❷Tap to select a program.
❸Tap to quickly select a program you have recently used.
❹Tap to see additional programs.
❺Tap to customize the Pocket PC.
❻**Menu** button.
❼Input panel button.
❽**New** button.

Pop-up menus

With pop-up menus, you can quickly choose an action for an item. For example, you can use the pop-up menu in the contact list to quickly delete a contact, make a copy of a contact, or send an e-mail message to a contact. The actions in the pop-up menus vary from program to program. To access a pop-up menu, tap and hold the stylus on the item name that you want to perform the action on. When the menu appears, lift the stylus, and tap the action you want to perform. Or tap anywhere outside the menu to close the menu without performing an action.



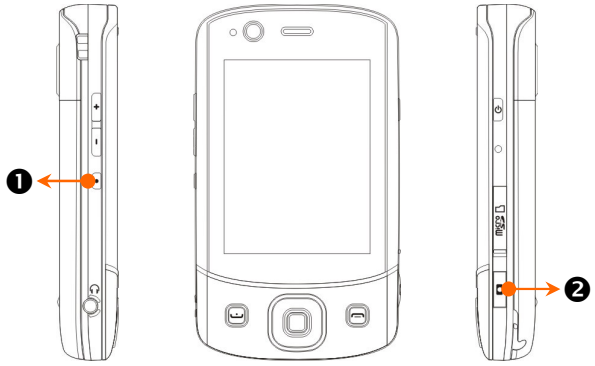
❶Tap and hold to display the pop-up menu.

❷Lift the stylus and tap the action you want.

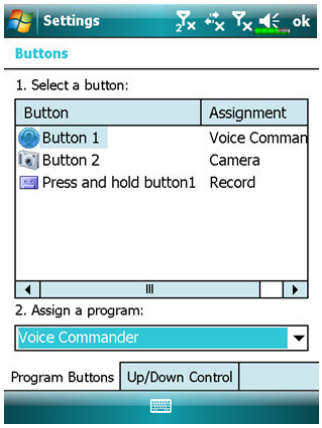
❸Tap outside the menu to close it without performing an action.

Redefine Hot Keys

Tap > **Settings** > **Personal** tab > **Buttons**.



❶Button 1 ❷Button 2



These hot keys can be redefined as launch keys for frequently used programs.

and are exclusive phone functions so they cannot be redefined.

6 Synchronization

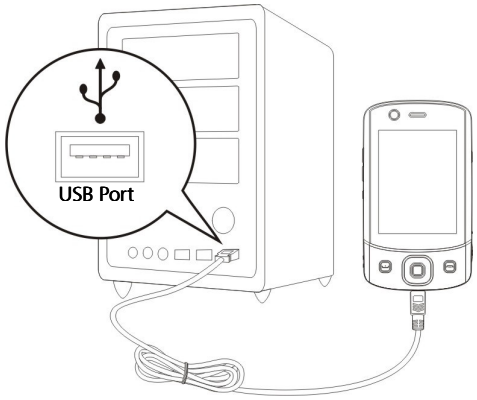
Windows Vista Part

A PC with Windows Vista™ operating system can be used to enable connection and synchronize with your Pocket PC. The Windows Mobile® Device Center application can be used to manage your Pocket PC, and can provide Pocket PC access to other resources through the connected PC. The online services and application access can also keep the Pocket PC up-to-date with the connected PC. For example, if you make a modification to the Pocket PC, then this modification will be automatically applied to the appropriate information on the computer during the next synchronization, and vice versa. This way, the latest data can be ensured to be available no matter which computer is being accessed.

Important Installation Notice

Before you install Windows Mobile® Device Center, make sure that the USB cable on the Pocket PC is not connected to the personal computer. Connect the USB cable only after Windows Mobile® Device Center is installed.

1. Software installation: You could use the Getting Started CD to install Windows Mobile® Device Center on the personal computer.
2. Hardware installation: The USB cable is a plug-and-play device. Use the USB cable to connect your Pocket PC to your personal computer.



3. Using Windows Mobile® Device Center

❶After installation is complete, the Setup Wizard helps you customize your synchronization settings.

❷Once you use the USB cable to connect the two devices properly, the Set Up a Partnership screen appears on the personal computer. Set it up according to your requirements. The green icon appears on the status bar of your personal computer to indicate that it is Connected.

Windows XP/2000/98 Part

A PC with Windows XP/2000/98 operating system can be used to enable connection and synchronize with your Pocket PC. Using Microsoft® ActiveSync®, you can *synchronize* the information on your desktop computer with the information on your device. Synchronization compares the data on your device with your desktop computer and updates both computers with the most recent information. For example:

- Keep Pocket Outlook data up-to-date by synchronizing your Pocket PC with Microsoft Outlook data on your desktop computer.
- Synchronize Microsoft Word and Microsoft Excel files between your Pocket PC and desktop computer. Your files are automatically converted to the correct format.

Note

By default, ActiveSync does not automatically synchronize all types of information. Use ActiveSync options to turn synchronization on and off for specific information type.

With ActiveSync, you can also:

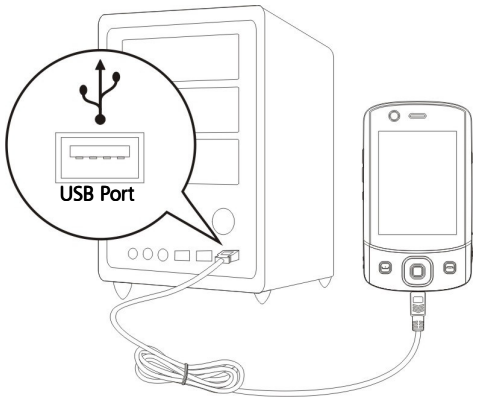
- Back up and restore your Pocket PC data.
- Copy (rather than synchronize) files between your device and desktop computer.
- Control when synchronization occurs by selecting a synchronization mode. For example, you can synchronize continually while connected to your desktop computer or only when you choose the synchronize command.
- Select which information types are synchronized and control how much data is synchronized. For example, you can choose how many weeks of past appointments you want synchronized.

Installing and Using ActiveSync

Important Installation Notice

Before you install ActiveSync, make sure that the USB cable on the Pocket PC is not connected to the personal computer. Connect the USB cable only after ActiveSync is installed.

1. Installing ActiveSync: You could use the Getting Started CD to install Microsoft ActiveSync version 4.5 or above on the personal computer. ActiveSync is already installed on your Pocket PC.
2. Hardware installation: The USB cable is a plug-and-play device. Use the USB cable to connect your Pocket PC to your personal computer.

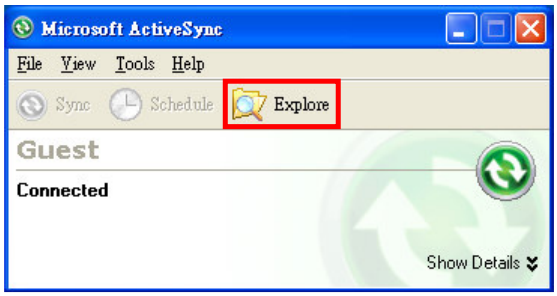


3. Using ActiveSync

❶After installation is complete, the ActiveSync Setup Wizard helps you customize your synchronization settings.

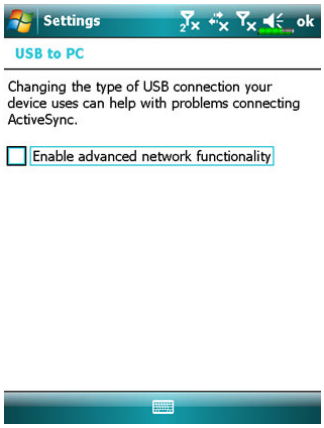
❷Once you use the USB cable to connect the two devices properly, the Set Up a Partnership screen appears on the personal computer. Set it up according to your requirements. The green icon appears on the status bar of your personal computer to indicate that it is Connected.

❸Click **Explore** on the Microsoft ActiveSync on the personal computer to access files in the Pocket PC. Just like using a personal computer, manage the files in the two devices.



FAQ About Synchronization

Tap > **Settings** > **Connections** tab > **USB to PC**.



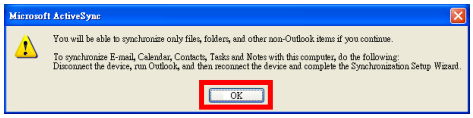
1. Factory setting defaults to checking the box.
2. If you have followed the above installation and operation procedures and find that the connection between your Pocket PC and desktop PC still cannot be established, please uncheck the box shown on the left.

USB Synchronization

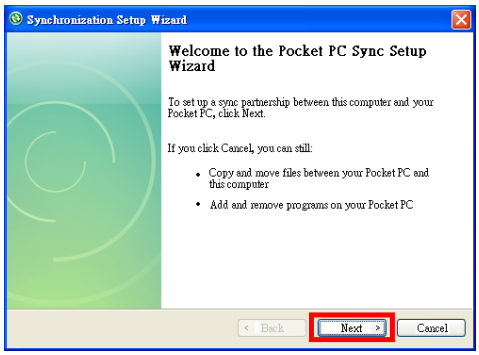
Before you start to synchronize, use the Pocket PC Getting Started CD to install synchronization tools on your personal computer. For more information on how to install, please refer to the Pocket PC Getting Started CD or online help. Synchronization tool is already installed on your Pocket PC.

ActiveSync synchronization settings:

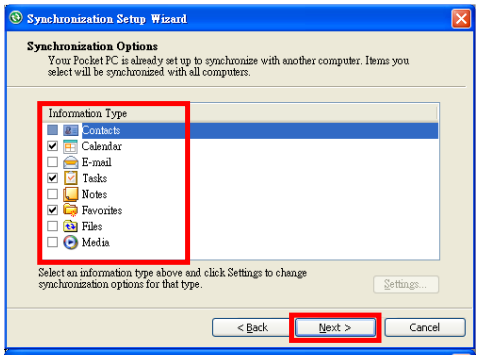
1. After installation is complete, the Setup Wizard will continue to guide you. Adjust the specifications according to your actual needs.
2. Use the USB cable to connect the two devices properly and the Set Up a Partnership screen appears on the personal computer. Set it up according to your requirements.



❶Click **OK**.

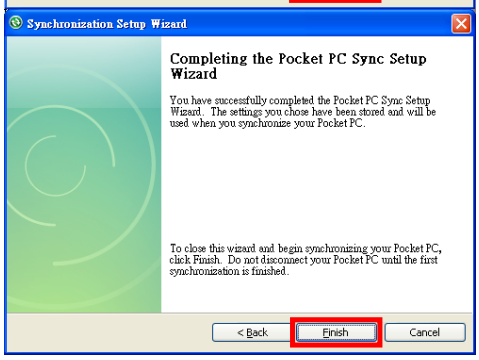


❷Click **Next**.

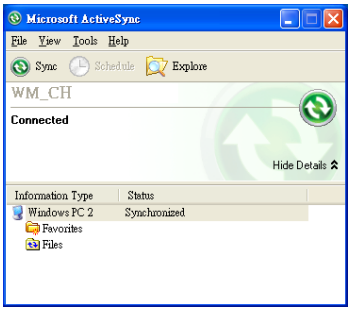


❸Check the items you want to synchronize.

❹Click **Next**.



❺Click **Finish**.



❻ After installation is complete, the ActiveSync Setup Wizard helps you connect your Pocket PC to your desktop computer, set up a partnership so you can synchronize information between your Pocket PC and your desktop computer, and customize your synchronization settings. Your first synchronization process will automatically begin when you finish using the wizard.

❼ The green icon appears on the status bar of the personal computer to indicate that it is Connected.

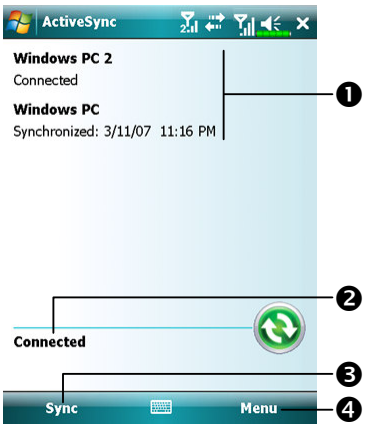
After your first synchronization, take a look at **Calendar**, **Contacts**, and **Tasks** on your Pocket PC. You'll notice that information you've stored in Microsoft Outlook on your desktop computer has been copied to your device, and you didn't have to type a word. Disconnect your Pocket PC from your computer and you're ready to go!

Synchronization Tool on Pocket PC

Once you have set up **ActiveSync** and completed the first synchronization process, you can initiate synchronization from your Pocket PC. To switch to **ActiveSync** on your Pocket PC, tap > **Programs** > **ActiveSync**.

For more information on how to use **ActiveSync** on your personal computer, run **ActiveSync** and refer to the **ActiveSync** online help. To learn more about the Pocket PC **ActiveSync**, switch to **ActiveSync** and tap > **Help**. Just refer to the **Help** for more information.

After the synchronization is completed, tap **Calendar**, **Contacts**, and **Tasks** on the Pocket PC to view if the information saved in Microsoft Outlook on the personal computer is already copied to the Pocket PC.



On the Pocket PC site: Tap > **Programs** > **ActiveSync**

❶View synchronization status.

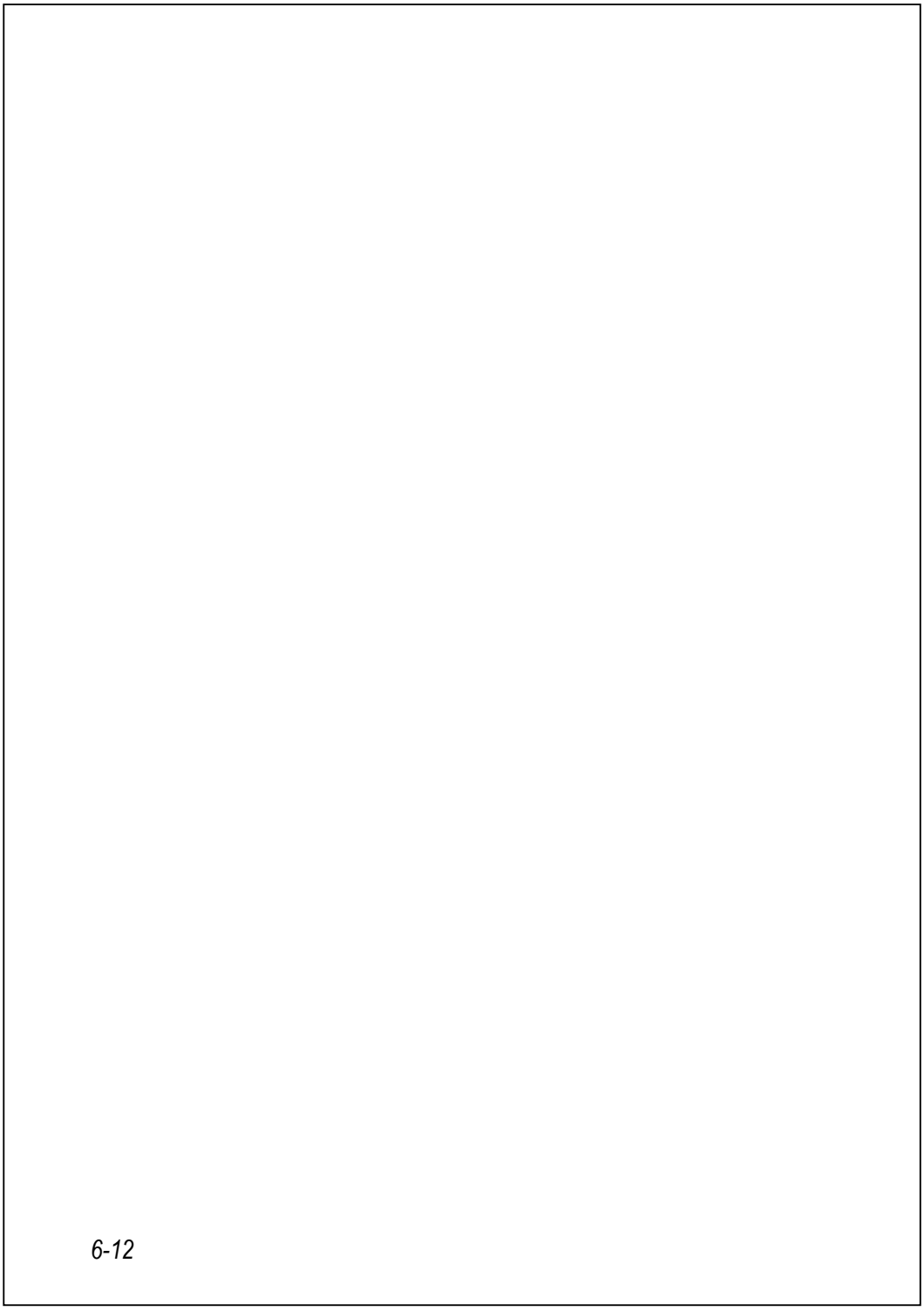
❷View connection status.

❸Tap to connect and synchronize.

❹Tap to synchronize via Bluetooth or change synchronization settings.

Synchronizing using Bluetooth

Without using the USB cable to connect the two devices, you can still synchronize using Bluetooth. The greatest advantage is that you don't have to plug in and detach from the USB cable so often. This is especially useful for managing several Pocket PCs. For details on Bluetooth devices, refer to "Using Bluetooth" section.



7 Connections

Connecting to the Internet

This section teaches you how to use GPRS wireless network connection. GPRS wireless networking is a convenient function for working at home or while traveling. You can use the Pocket PC to browse websites and read or send E-mails, SMS or MSN messages.

To start using GPRS service, please:

1. Contact your service provider for the data plan and apply for it.
2. Install the SIM card with the GPRS plan in **SIM1** slot
3. Activate **Phone1**.

Note

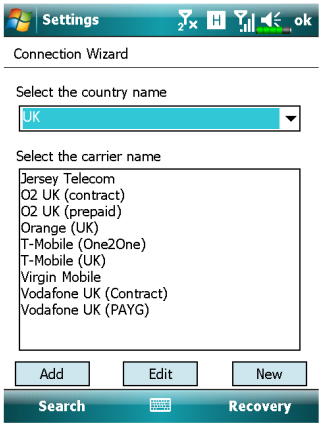
SIM2 slot allows only the voice services such as phone call and SMS provided by the SIM card you install in it; for use of data transmission service such as GPRS, 3G or EDGE, please insert the compatible SIM card in **SIM1** slot.

Connection Wizard

Generally, you will only need to install the SIM card to your Pocket PC to simultaneously use the mobile phone functions. The system will automatically add the connection items for this SIM card. To verify: Tap > **Settings** > **Connections** tab > **Connections** > "**Manage existing connections**," the list will show the newly added network name.

If the system is unable to successfully add the connection to your SIM card, it is possible to use **Connection Wizard**.

Tap > **Settings** > **Connections** tab > **Connection Wizard**.

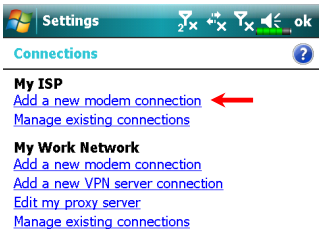


1. Select the country name from the list.
2. Select the carrier name from the list.
3. According to actual requirements, select the carrier name, and then tap **Add** button or **Edit** button. Or use the **New** button to add the new network connection.
4. **Search** button: Detect the currently available telecommunication service. If it is found, use the **Add** button to add the highlighted selection. If it is not found, the "**New network**" screen will be shown; please manually setup the network.
5. **Recovery** button: Restore to the original setup value.
6. Tap > **Settings** > **Connections** tab > **Connections**, and then "**Manage existing connections**," the list will show the newly added network name.

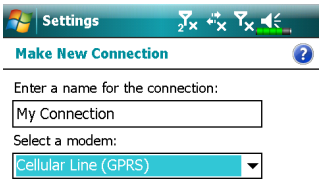
Setting the GPRS Connection

To connect to the Internet or use MMS service, please make sure you have installed SIM card in **SIM1** slot and activated **Phone1**.

Tap > **Settings** > **Connections** tab > **Connections** > **Tasks** tab.



1. As shown in the screen on the left tap "**Add a new modem connection**."

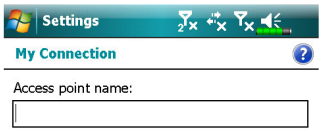


2. Enter the "**Make New Connection**" screen as shown in the screen on the left.

❶Input a new connection name for convenience in making connections in the future.

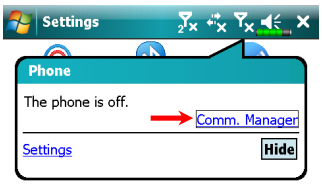
❷Select "**Cellular Line (GPRS)**."

❸Lastly tap **Next**.

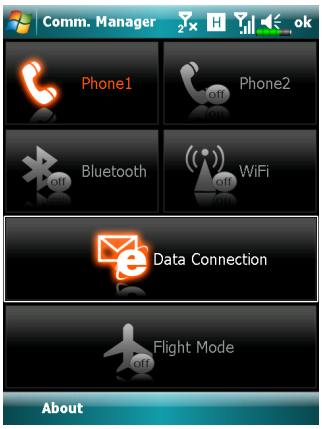


3. Input the Access Point Name provided by your service provider and tap **Next**.
4. Input your personal information such as account number, and tap **Finish**.

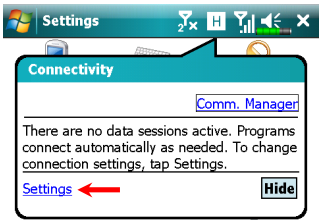
Starting GPRS Connection



1. Turn on Phone: Tap or icon at the top of the screen and tap "**Comm. Manager**." Tap and input your PIN to enable GSM. The icon will change to while the icon changes to H.

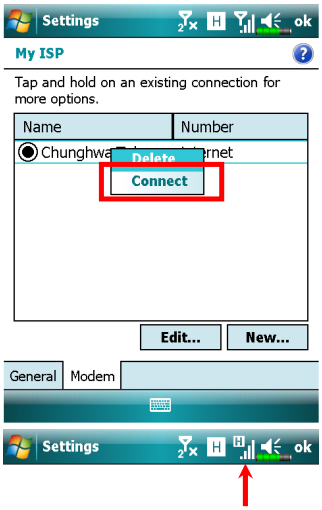


2. Tap in the **Communication Manager**. When it becomes , the GPRS (Data) connection is available.



3. Tap H, then tap **Settings** to link to **Connections**. You are ready to connect GPRS.

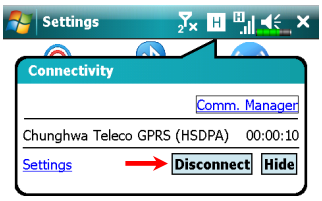
G E 3G H represent the availibility of various data connection services provided by SIM card you installed in **SIM1** slot. They are shown according to your monthly plans, telecom service provider, and network distribution conditions or effective system coverage area. To make modifications to your monthly plans, please contact your telecom service provider.

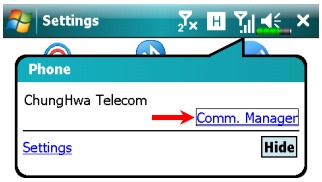


4. Connect GPRS: Select "**Manage existing connections**" in **Connections**. Tap and hold on the newly created connection name, and then select **Connect** to enable GPRS connection.
5. Input your account information in the Logon Network screen and tap to login to the network.

6. After the connection is established, the icon will change to .
7. Now you can use the appropriate program to access the Internet, receive or send E-mails, etc.

Disconnecting GPRS



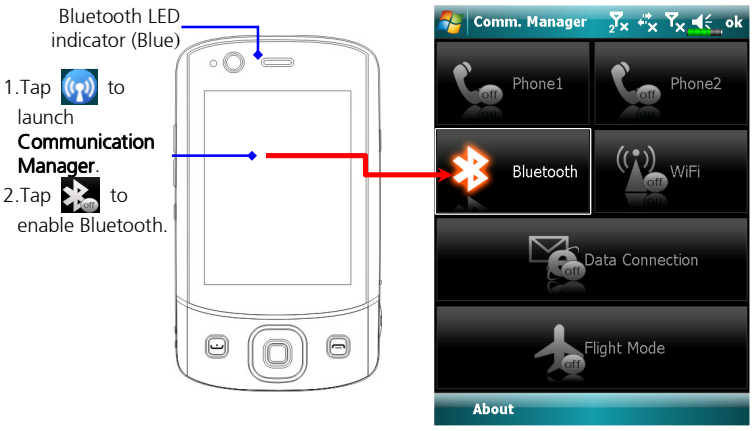


1. Disconnect GPRS: Tap H and the message window appears. Tap **Disconnect**.

2. Turn off Phone: Tap and then "**Comm. Manager**." Tap to disable GSM.

Using Bluetooth

Bluetooth is a short-distance wireless communication technology with an effective range under 10 meters (30 feet). When the Bluetooth power is turned on, the indicator will blink blue.



Bluetooth capable devices such as the PC, Pocket PC, Bluetooth headset etc. can be connected to this product for the convenience of data sharing.

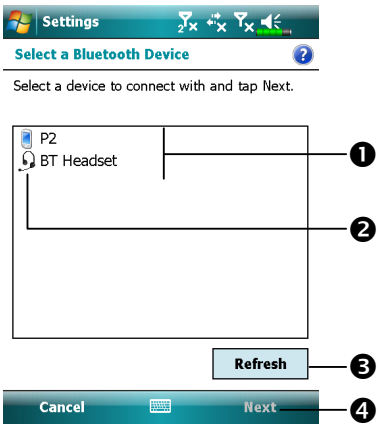
Setup the Bluetooth Connection

On the **Communication Manager** screen, tap and hold the button, then release to enter the **Bluetooth** manager.

Tap > **Settings** > **Connections** tab > **Bluetooth**

Tap **Bluetooth** and then **Devices** tab.

1. Select "**Add new device**" and the system will begin to search for nearby Bluetooth devices.



2. The search results will be similar to the screen to the left. Select the device to connect with the list.

❶All Bluetooth devices found nearby the system.

❷This icon indicates a Bluetooth headset.

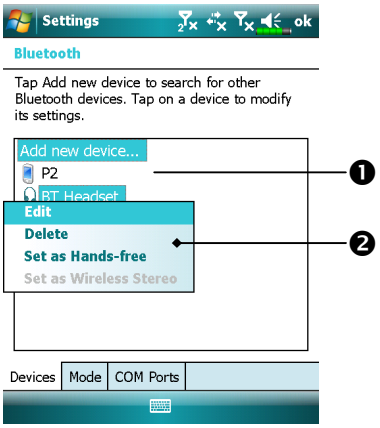
❸**Refresh** button: Search again to look for additional Bluetooth devices to connect with.

❹Select any device to connect with, and then tap **Next** to follow the onscreen instructions.

Note

Pair for Bluetooth headset: When the system asks for the password, please refer to the instructions provided with your purchased Bluetooth headset.

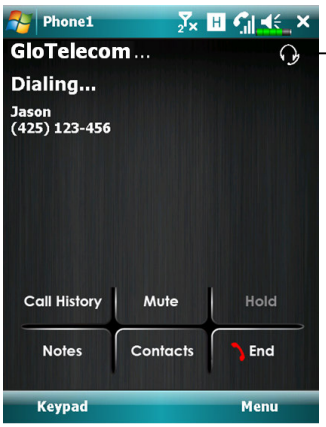
Pair for PC or Pocket PC: When the system asks for the password, please make sure that the identical password is entered to both devices.



3. Your Pocket PC connected with these devices will be able to transfer data, receive calls on a Bluetooth headset, and other applications.

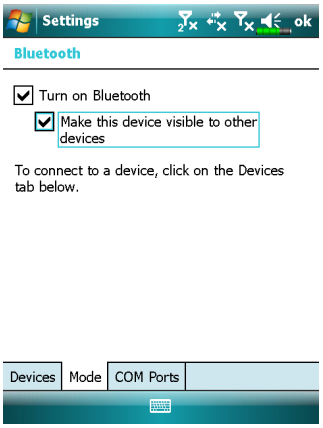
❶Successfully connected devices will be shown as on the screen to the left.

❷Tap and hold a device, for example the Bluetooth headset, then select **Set Hands-free** to be able to use the Bluetooth headset to receive calls.



4. The screen to the left is during a call.

❶**Phone** screen during a call will show a headset icon in the upper right corner, the Bluetooth headset will be used to communicate with the callee.



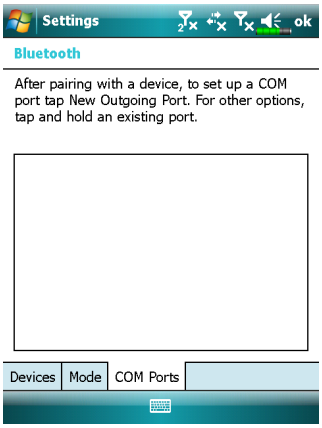
Tap **Bluetooth** > **Mode** tab.

5. Configure the Bluetooth related options for your Pocket PC.

6. Tap > **Settings** > **Personal** tab > **Owner Information**.
Enter the name that you wish to show in the Name field. At the same time, other Bluetooth capable devices can recognize your Pocket PC by this name.

❶Checkmarking the "**Make this device visible to other devices**" option will enable all Bluetooth capable devices within the 10 m (30ft) effective range to detect your Pocket PC, and transmit data with the proper authentication.

❷If the "**Make this device visible to other devices**" option is not selected, your Pocket PC can send data to other devices but other devices will not be able to detect your Pocket PC.



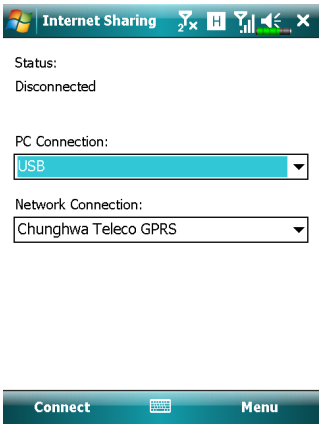
Tap **Bluetooth** and then **COM Ports** tab.

7. Follow the onscreen instructions to register the connected Bluetooth device as an effective COM port.

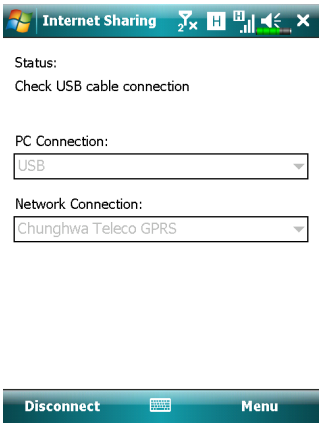
Internet Sharing

Tap > **Programs** > **Internet Sharing**.

This function provides a simulated modem function for the Pocket PC to connect to the PC. The built-in Bluetooth paring or USB port can be connected with the PC and provide Internet access on the PC.



1. The USB connection is used as an example.
2. Complete the connection setup between the Pocket PC and PC. The network connection and configuration can be attained from your telecom service provider.
3. Tap **Connect** and wait for the system to complete the connection.



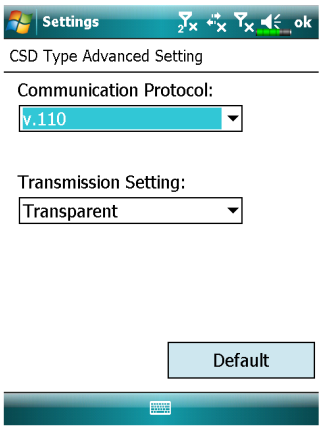
4. This screen is only for reference as the actual connection method will depend on the Bluetooth paring or USB port; the connection configurations can be referenced from your telecom service provider. The fees will be decided by the service provider.

CSD Type

Tap > **Settings** > **Connections** tab > **CSD Type**.

You must first apply for Circuit-Switched Data (CSD) service from your telecom company before you can use this function. In short, this function is similar to the modem dial-up in a personal computer. By simulating the Pocket PC as a modem and connecting through the built-in GSM device, you can use the Pocket PC to access the web.

To start using this function, please install the CSD service-enabled SIM card in **SIM1** slot and activate **Phone1**.



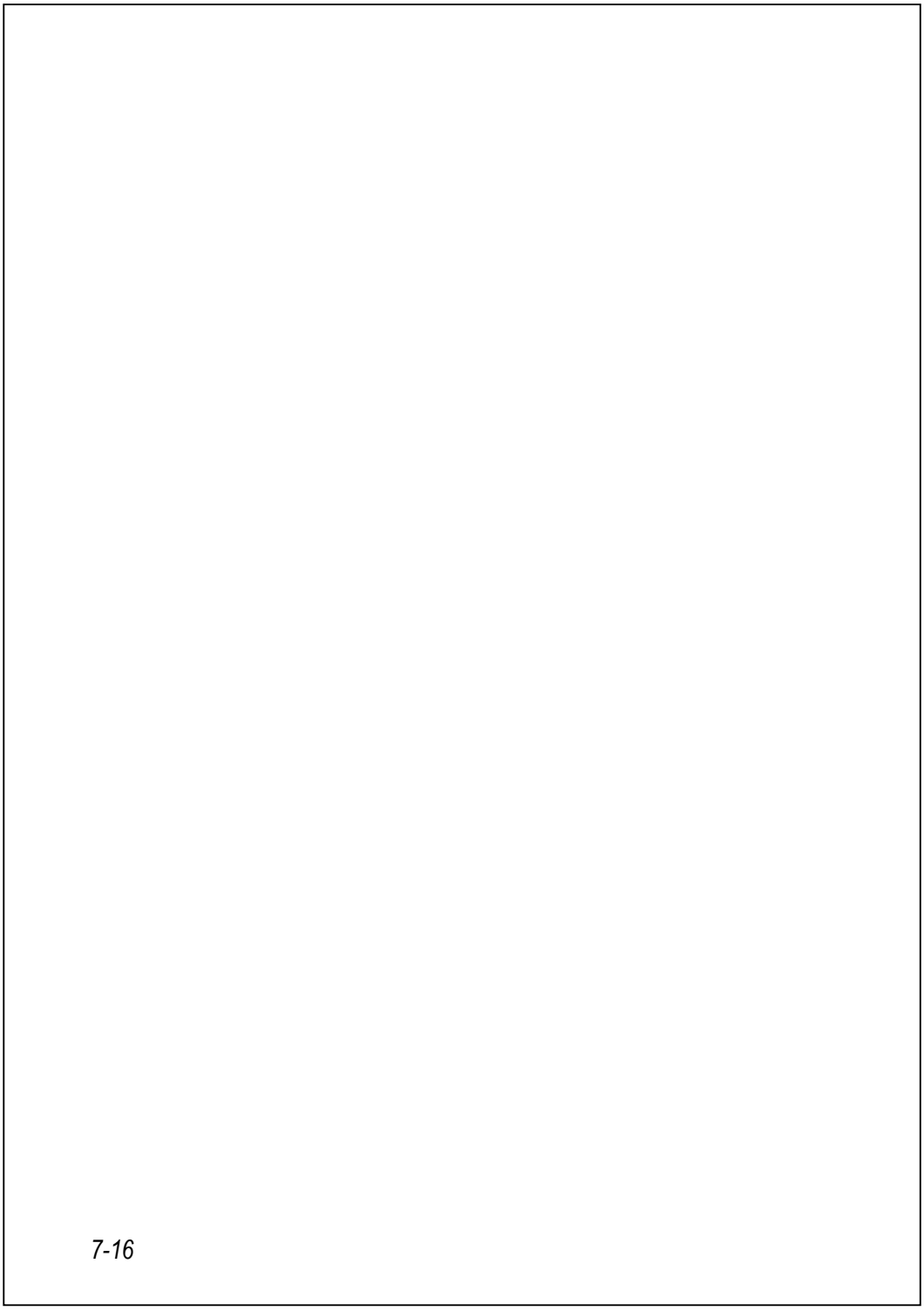
This figure is for reference only. The parameters shown in the screen will be based on the settings provided by your telecom company. The charge rate is regulated by your telecom company.

Connecting with a Personal Computer

For more information, refer to “Synchronization” section.

Wireless LAN Transmission

On the Today screen, tap to launch **Communication Manager**. For more information, refer to “Using Wireless LAN” section.



8 Using Wireless LAN

This section teaches you how to use the Pocket PC's built-in wireless LAN function to connect to the Internet. It is convenient for you to browse websites and send/receive E-mails through wireless networks at certain locations where wireless networking services are provided.

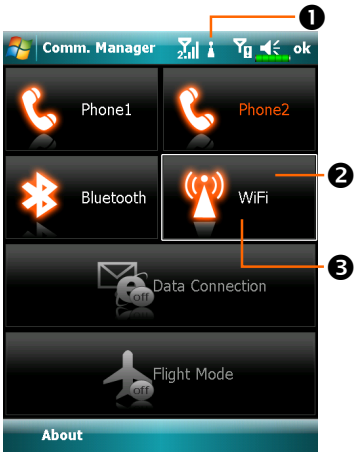
When you purchase credits for connecting to the Internet through a wireless LAN, you will be given the following information: an IP address, DNS name server address, Proxy server, port, and network key, etc. You need this information to setup and activate your connection. In some cases, you may need additional information to use a company's wireless connection, please confirm with the network administrator in your company.

If this is your first time using the wireless LAN function, firstly you should refer to the following "Configure Your Wireless Network" section for instructions for the necessary configuration settings. After you have completed the one-time configuration process, you only need to select the icon in the **Communication Manager** main menu for subsequent connections.

Connecting to Wireless LAN

On the Today screen, tap to launch **Comm. Manager**.

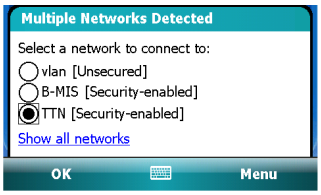
Tap > **Programs** > **Comm. Manager**.

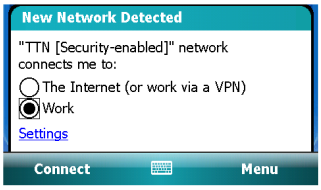


❶This icon will show up on your screen whenever your Pocket PC has detected a usable wireless network and has connected to that network, indicating that your Pocket PC has successfully connected to the network hotspot (Access Point). The LED indicator on the Pocket PC will blink amber.

❷Tap to connect or disconnect to your wireless network, a means that this function has been disabled.

❸Tap and hold this button, then release to enter the configuration screen.





➲When the screen shown on the left appears, please choose a wireless network that you can use, and then tap **OK** button. Then, select **Work**, and tap **Connect** button. The first time you use the wireless LAN function, your system will ask you to set the above mentioned settings, after that, your system will continually use the settings from your most recent successful connection.

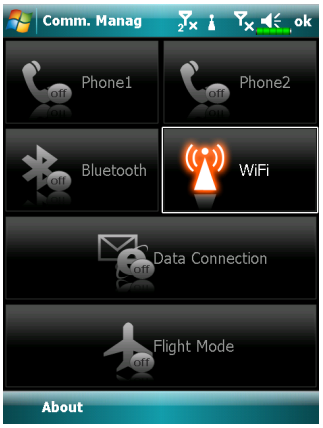
Configure Your Wireless Network

WLAN Setup Scenarios

Location	Select Networks	Proxy Connection	Network key or Access Point
Home	> **Settings** > **Connections** tab > **Connections** > **Advanced** tab, **Select Networks** button, and then select **My Work Network** from "**Programs that automatically connect to the Internet should connect using:**" menu	1. Close Proxy connection 2. Not required to set Proxy	1. Authentication: Select Open 2. Data Encryption: Select **WEP** to enable the entry bar regarding Network key
Office	Refer to the above and set as **My Work Network**	> **Settings** > **Connections** tab > **Connections** > **Tasks** tab, select "**Edit my proxy server**," and then check the Internet items to enable the entry bar about Proxy	Refer to the above and set the items for Network key
Café or restaurant	Refer to the above and set as **My Work Network**	1. Close Proxy connection 2. Not required to set Proxy	WLAN select different Access Point

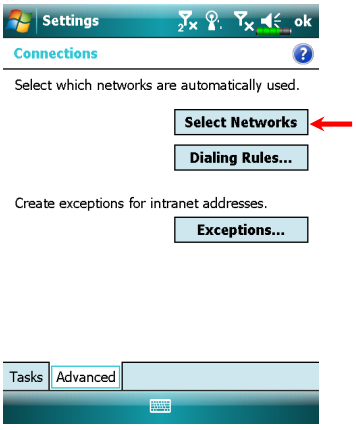
Configure Your Wireless Network (Normal Setup)

You will need a correct IP address; DNS name server address, Proxy server, and connection port number to setup your connection. If you have purchased a wireless Internet service account, then the service desk at the location where you will be connecting will provide you with this information, or, you should obtain this information from the network administrator of your company.

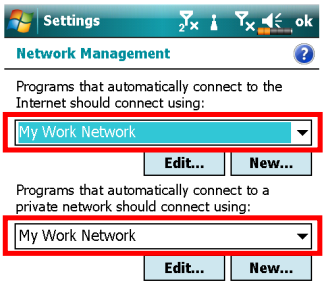


When your Pocket PC is unable to automatically detect or connect to a usable wireless network, please try to configure the network manually. Please refer to this section's settings instructions.

1. Select the icon in the **Communication Manager** main menu, a icon will display on the navigation bar.



2. Then tap > **Settings** > **Connections** tab > **Connections** > **Advanced tab**, the screen displays shown on the left.
3. Select the **Select Networks** button.



4. As shown on the left, make sure that **My Work Network** is selected for both items, and finally tap **ok** to save and exit.

My Work Network is the WLAN connection method. As this option is from a choice of two, the next time you need to use the GPRS connection, you will have to refer to the above listed steps, select **My ISP** for the first item.

5. At the **Communication Manager** screen, tap and hold, and then release the button to enter the setup screen.
6. Select name of a currently available network to enter the WLAN authorization setup screen.

7. Set accordingly to the rules and information provided by the hotspot location.

❶**Authentication**: Select Open

❷**Data Encryption**: Select WEP to enable the entry bar about Network key

❸**Network key**

❹**Key index**

8. Tap and hold on the name of the network connection that you can currently use, then select **Connect**. When the icon appears on the top of the screen, your wireless network has been successfully connected.

Configure Your Wireless Network (Proxy Setup)

To successfully configure your network, you will need the following information: a correct IP address, DNS name server address, Proxy server, and connection port number, etc. Please obtain the above listed information from your company's network administrator. If your company's networking environment doesn't need Proxy server settings, please close the proxy connection.

Tap > **Settings** > **Connections** tab > **Connections** > **Tasks** tab.

When your Pocket PC fails to automatically detect or connect to a usable wireless network, please try using the manual method to configure your network settings. Please refer to the settings information in this section.

1. Select "**Setup my proxy server**" or "**Edit my proxy server**," as shown on the left.

2. In the **Proxy Settings** tab screen, make sure that the following items have been checked:

❶This network connects to the Internet

❷This network uses a proxy server to connect to the Internet

The above is applicable to an office environment that requires a Proxy setup.
For others that close the proxy connection, please do not check the box named **"This network connects to the Internet"** and skip the following procedures.

3. Enter the name into the "**Proxy server**" field.
4. Select the **Advanced** button and enter the advanced settings screen.

5. You can modify the settings by tapping the HTTP type.

6. Enter the number into the "**Port**" field. Finally, tap **ok** to save and exit.

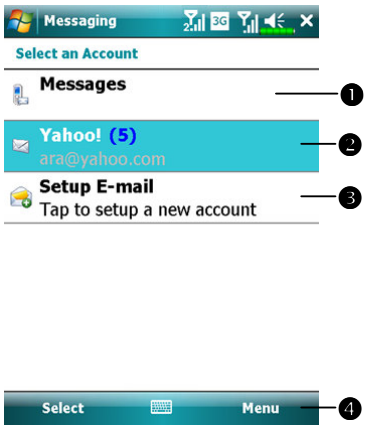
9 E-mails and Messages

Message Accounts

Messaging is where you can manage all message types including SMS (Short Messaging Service), MMS (Multimedia Messaging Service) and E-mail accounts. To use these services, please connect your device to a network connection.

Tap > **Messaging**.

On account picker screen, select the messaging service you want to use.



❶Tap to enter **Messages**

❷Tap to enter an E-mail accounts ou have established.

❸Tap to setup a new E-mail account

❹Change the account settings. Or delete a message.

Note

- To use **MMS** and **E-mail**, please:

1. Apply wireless service from your service provider
2. Activate this SIM in **SIM1** slot
3. Go to > **Settings** > **Connections** tab > **Connections** to set up the network settings.
4. On the Today screen, tap and turn on **Data Connection** by tapping .

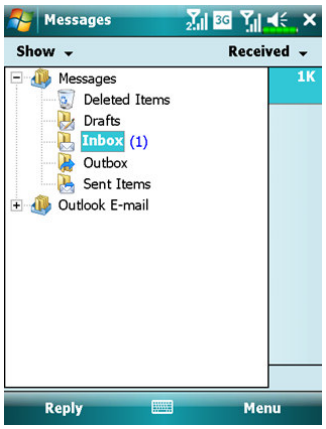
- **SIM2** slot allows only the SMS service provided by the SIM card you install in it; if you want to send MMS message or E-mail via a certain number, please insert the SIM of that number in **SIM1** slot.

Text Messages

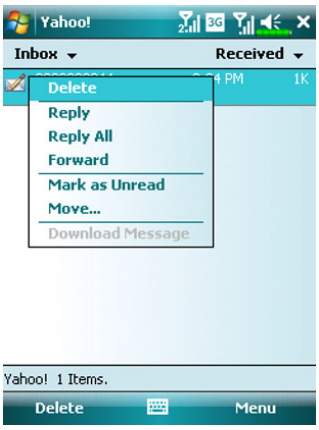
Reading Received Text Messages

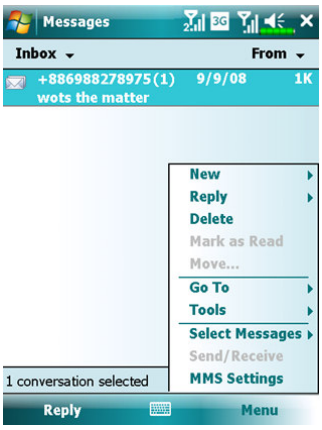
Tap > **Messaging**, On **Messaging** screen, tap **Messages**.

- To read received messages, tap ▼, and select the sub folder **Inbox** under **Messages**.



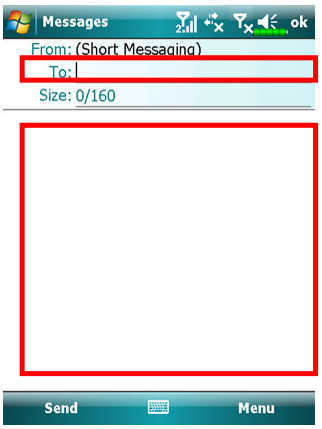
- In **Inbox**, you can tap and hold a message to open a list of actions; you may **Delete**, **Reply** to or **Forward** this message. To sort the messages by sender or received time, tap **Menu** > **Tools** > **Sort By** and then choose the sort method.





Creating a Text Message

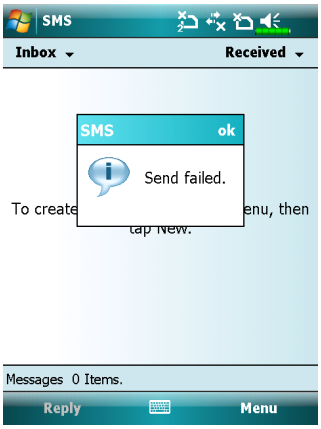
1. On **Messaging** screen, tap **Messages** > **Menu** > **New** > **Text Message**



2. In **To:** filed, enter the number of recipient or tap **Menu** > **Add Recipients** to select a contact. If there is more than one contact, use a semi-colon (;) to separate them.
3. In **Text** field, enter your message. You can tap **Menu** > **My Text** to use canned messages.
4. Tap **Send.**
5. Select the SIM number you will use to send this message.

Note

If the SIM card you select is not activated, a notice "**Send failed**" will pop up.



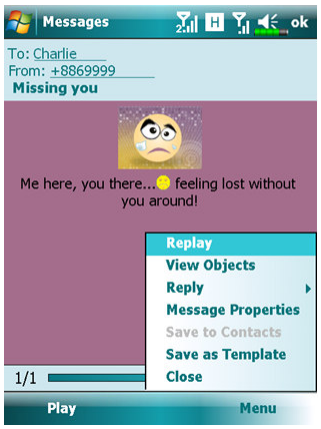
Multimedia Messages

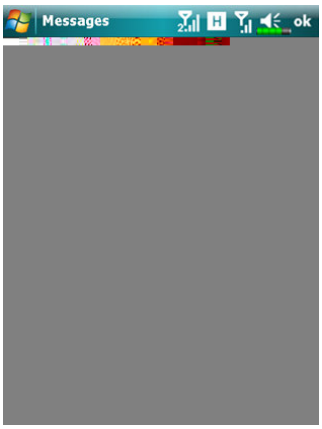
Reading MMS Messages

Tap > **Messaging** > **Messages**.

In **Inbox**, tap on a single MMS message to view it.

- Use the playback controls: **Play**, **Pause** or **Resume** to view the message.





- To save the objects attached to this MMS message:

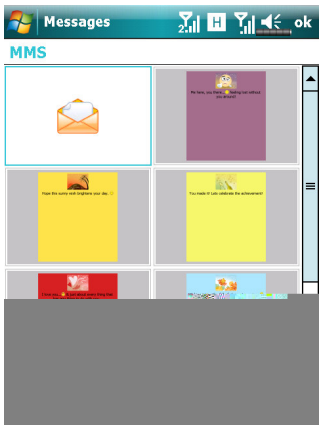
1. Tap **Menu** > **View Objects**,
2. On object list, tap **Menu** > **Save** or **Save All**,

Note

- If you reply to an MMS message from **Inbox**, this reply message will be sent as an MMS message via **SIM1** number.
- If you want to send MMS message or E-mail via a certain number, please always activate the SIM of that number in **SIM1** slot.
- To modify MMS settings such as **Receiving Options** or **Sending Options**, in **Inbox**, tap **Menu** > **MMS Settings**. In these settings you may select to request / send a delivery report, set the size or delivery time of a message.

Creating an MMS Message

On **Messaging** screen, tap **Messages** > **Menu** > **New** > **Multimedia Message** Select an MMS template to compose a new MMS message. Or tap the envelop icon to open your own blank message.



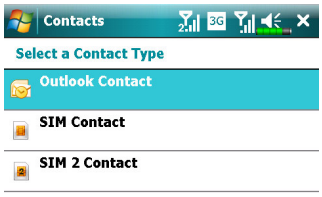
On an MMS composing screen, you may tap:

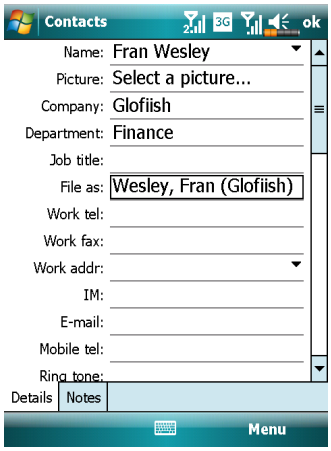
- **Bcc / Cc / To** field to add recipients.
- **Subject** field to enter the message title.
- **Menu** > **Insert** to insert a file.
- **Menu** > **Slides** to edit the slide content and settings.
- **Menu** > **Preview** to preview your MMS message.
- **Send** to send out this MMS message.

Note

- You may also send an MMS message from **Camera**, **Album**, **Pictures & Videos**, **File Explorer** and **Notes**.
- **SIM2** slot allows only the SMS service provided by the SIM card you install in it; if you want to send an MMS message or E-mail via a certain number, please activate the SIM of that number in **SIM1** slot.

Creating a Contact





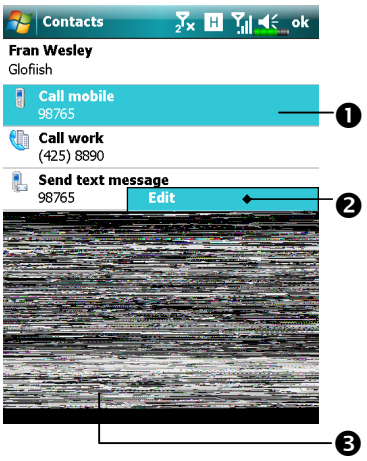
1. On Contacts screen, tap **New**, and then select a contact type.

- To create a contact on your device, select **Outlook Contact**, hereafter you can manage this contact even if the SIM card is absent.
- To create a contact on either **SIM1** or **SIM2** card, select **SIM Contact** or **SIM2 Contact**. To manage your contact entries, you can also go to > **Programs** > **Phone** > **SIM Manager.**

2. Use the input panel to enter a name and other contact information. You will need to scroll down to see all available fields.
3. To assign the contact to a category, scroll to and tap **Categories** and select a category from the list. In the contact list, you can display contacts by category.
4. To add notes, tap the **Notes** tab. You can enter text, draw, or create a recording. For more information on creating notes, see "Notes: Capturing Thoughts and Ideas" section.
5. When editing is finished, tap **ok** to return to the contact list.

Using the Summary Screen

When you tap a contact in the contact list, a summary screen is displayed.



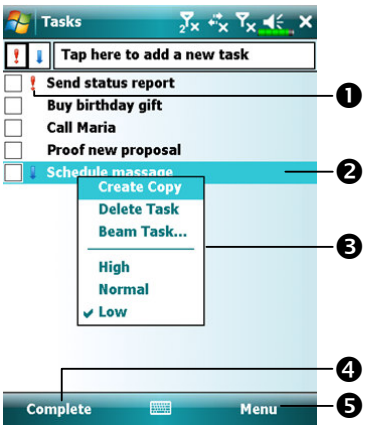
❶View contact details. All of the available contact information is listed, you can tap and use easily.

❷Provides the relevant menu. For example, select **Edit** to change the contact information. Or select **Save to SIM** or **Save to Contacts** to duplicate to **Contacts** or SIM phonebook.

❸Tap to view notes.

Tasks: Keeping a To Do List

Use **Tasks** to keep track of what you have to do.



❶Indicates high priority.

❷Tap to display or edit the task details.

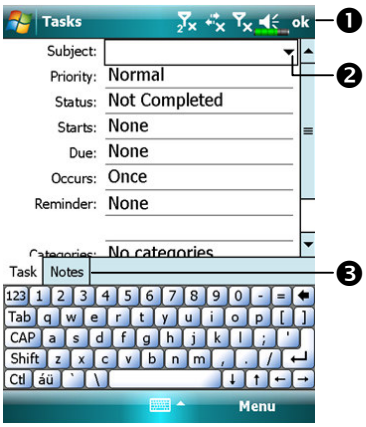
❸Tap and hold to display a pop-up menu of actions.

❹Tap to change the status.

❺Provides the relevant menu. For example, tap **Filter** to select the category of tasks you want displayed in the list. Tap **Sort By** to select the sort order of the list. Or tap **Options** to change the way information is displayed in the list.

Create a Task

1. Tap **Menu** and then **New Task**.
2. Using the input panel, enter a description.
3. You can enter a start date and due date or enter other information by first tapping the field. If the input panel is open, you will need to hide it to see all available fields.
4. To assign the task to a category, tap **Categories** and select a category from the list. In the task list, you can display tasks by category.
5. To add notes, tap the **Notes** tab. You can enter text, draw, or create a recording. For more information on creating notes, see "Notes: Capturing Thoughts and Ideas" section.
6. When finished, tap **ok** to return to the task list.



❶Tap to return to the task list (the task is saved automatically).

❷Tap to choose from predefined subjects.

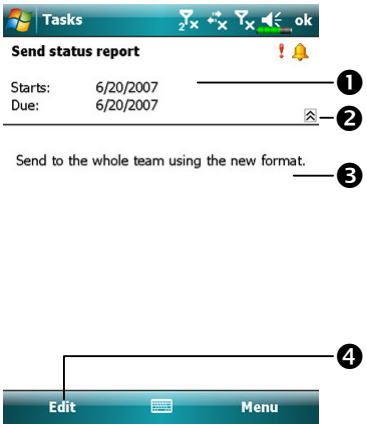
❸Notes is a good place for maps and drawings.

Notes

To quickly create a task with only a subject, check **Show Tasks entry bar** on the **Options** menu. Then, tap "**Tap here to add a new task**" and enter your task information.

Use the Summary Screen

When you tap a task in the task list, a summary screen is displayed. To change the task, tap **Edit**.



❶View task details.

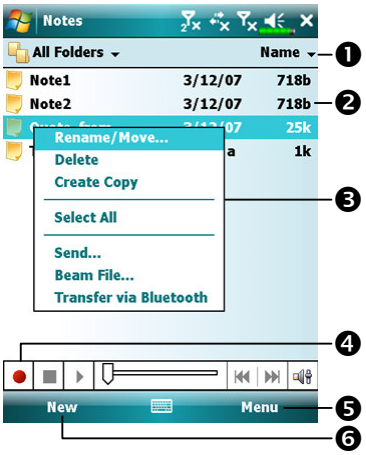
❷Tap to show and hide additional summary information.

❸View notes.

❹Tap to change task.

Notes: Capturing Thoughts and Ideas

Quickly capture thoughts, reminders, ideas, drawings, and phone numbers with **Notes**. You can create a written note or a recording. You can also include a recording in a note. If a note is open when you create the recording, it will be included in the note as an icon. If the note list is displayed, it will be created as a stand-alone recording.



❶Tap to change the sort order of the list.

❷Tap to open a note or play a recording.

❸Tap and hold to display a pop-up menu of actions.

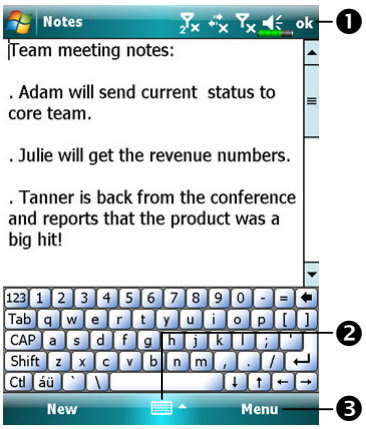
❹Tap to record.

❺Provides the relevant menu. For example, check **View Recording Toolbar** to show the Recording toolbar.

❻Tap to create a new item.

Create a Note

1. Tap **New**.
2. Create your note by writing, drawing, typing, and recording. For more information about using the input panel, writing and drawing on the screen, and creating recordings, see "Enter Information on Your Pocket PC."



❶Tap to return to the note list (the note is saved automatically).

❷Tap to show or hide the input panel.

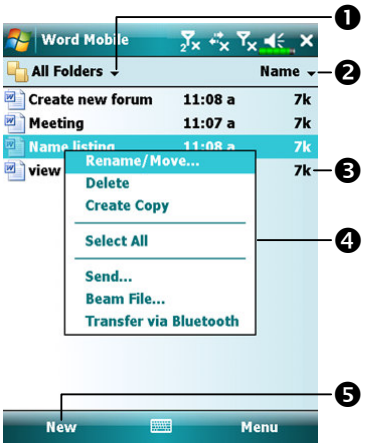
❸Provides the relevant menu. For example, check **View Recording Toolbar** to add a recording to the note; or check **Draw** to write on the screen.

Word Mobile

Word Mobile works with Microsoft Word on your desktop computer to give you easy access to copies of your documents. You can create new documents on your Pocket PC, or you can copy documents from your desktop computer to your Pocket PC. Synchronize documents between your desktop computer and your Pocket PC so that you have the most up-to-date content in both locations.

Use Word Mobile to create documents, such as letters, meeting minutes, and trip reports. To create a new file, tap > **Office Mobile**, **Word Mobile** > **New**. A blank document appears. Or, if you've selected a template for new documents in the **Options** dialog box, that template appears with appropriate text and formatting already provided. You can open only one document at a time; when you open a second document, you'll be asked to save the first. You can save a document you create or edit in a variety of formats, including Word Document, Document Template, Rich Text Format, and Plain Text.

Word Mobile contains a list of the files stored on your Pocket PC. Tap a file in the list to open it. To delete, make copies of, and send files, tap and hold a file in the list. Then, select the appropriate action on the pop-up menu.



❶Select the type of folder you want displayed in the list.

❷Tap to change the sort order of the list.

❸Tap to open a document.

❹Tap and hold an item to see a pop-up menu of actions.

❺Tap to create a new document.

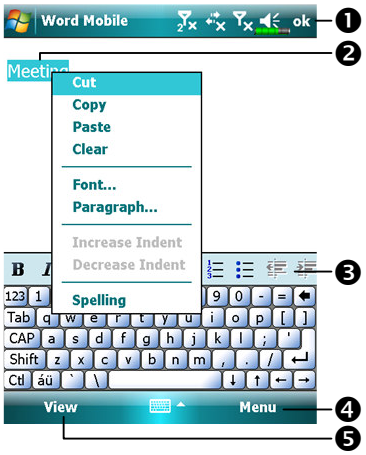
Notes

You can change the zoom magnification by tapping **View** and then **Zoom**. Then select the percentage you want. Select a higher percentage to enter text and a lower one to see more of your document.

If you're opening a Word document created on a desktop computer, check **Wrap to Window** on the **View** menu so that you can see the entire document.

Using the input panel, enter typed text into the document. For more information on entering typed text, see "Enter Information on Your Pocket PC."

To format existing text and to edit text, first select the text. You can select text as you do in a Word document, using your stylus instead of the mouse to drag through the text you want to select. You can search a document to find text by tapping **Menu**, **Edit** and then **Find/Replace**.



❶Tap to return to the document list (changes are saved automatically).

❷Tap and hold to see a pop-up menu of actions.

❸Tap to format text.

❹Provides the relevant menu. For example, select **Format** to change formatting options.

❺Tap **View** and then check **Toolbar** to show the toolbar.

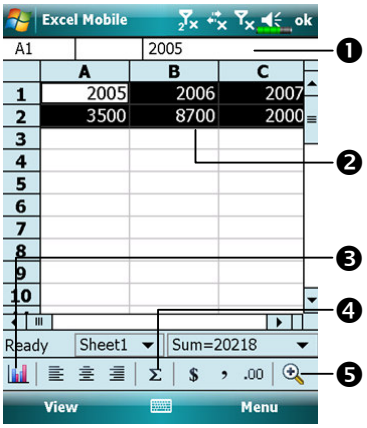
Excel Mobile

Excel Mobile works with Microsoft Excel on your desktop computer to give you easy access to copies of your workbooks. You can create new workbooks on your Pocket PC, or you can copy workbooks from your desktop computer to your Pocket PC. Synchronize workbooks between your desktop computer and your Pocket PC so that you have the most up-to-date content in both locations.

Use Excel Mobile to create workbooks, such as expense reports and mileage logs. To create a new file, tap > **Office Mobile** > **Excel Mobile** > **New**. A blank workbook appears. Or, if you've selected a template for new workbooks in the **Options** dialog box, that template appears with appropriate text and formatting already provided. You can open only one workbook at a time; when you open a second workbook, you'll be asked to save the first.

Excel Mobile contains a list of the files stored on your Pocket PC. Tap a file in the list to open it. To delete, make copies of, and send files, tap and hold a file in the list. Then select the appropriate action from the pop-up menu.

Excel Mobile provides fundamental spreadsheet tools, such as formulas, functions, sorting, and filtering. To display the toolbar, tap **View** and then check **Toolbar**.



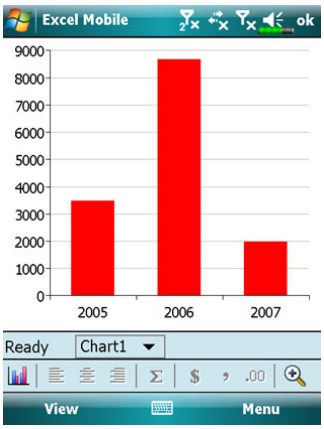
❶Cell contents appear here as you enter them.

❷Select cell contents for the resource of chart.

❸**Insert Chart** button

❹**AutoSum** button

❺**Zoom** button



➲Tap **Format Chart** button to modify the relevant information, such as titles, scale, type and series.

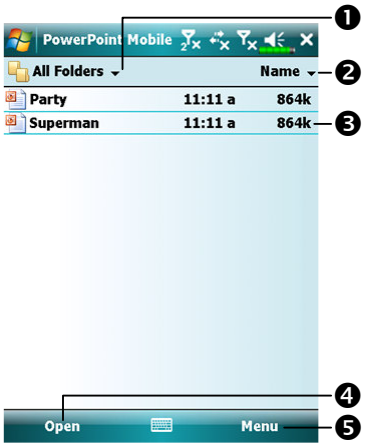
Tips for Working in Excel Mobile

For more information on using Excel Mobile, tap > **Help**. Note the following when working in large worksheets in Excel Mobile:

- View in full-screen mode to see as much of your worksheet as possible. Tap **View** and then check **Full Screen**. To exit full-screen mode, tap **View** and then **Full Screen** to restore.
- Show and hide window elements. Tap **View**, **Show** and then tap the elements you want to show or hide.
- Freeze panes on a worksheet. First select the cell where you want to freeze panes. Tap **View** and then **Freeze Panes**. You might want to freeze the top and leftmost panes in a worksheet to keep row and column labels visible as you scroll through a sheet.
- Split panes to view different areas of a large worksheet. Tap **View** and then **Split**. Then drag the split bar to where you want it. To remove the split, tap **View** and then **Remove Split**.
- Show and hide rows and columns. To hide a row or column, select a cell in the row or column you want to hide. Then tap **Menu**, **Format**, then **Row** or **Column**, and then **Hide**. To show a hidden row or column, tap **Menu**, **Format**, then **Row** or **Column**, and then **Unhide**.

PowerPoint Mobile

View PowerPoint slides created in PowerPoint 97 and above versions on your desktop computer. The supported formats include .ppt and .pps files.



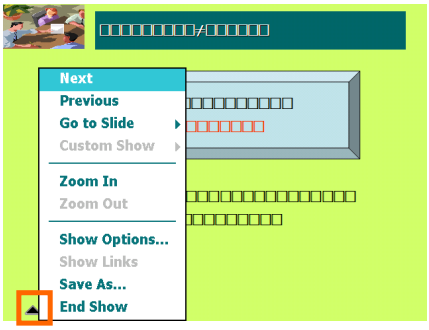
❶Select the type of folder you want displayed in the list.

❷Tap to change the sort order of the list.

❸Tap to open a file, and play the slides.

❹Tap to open the file you played last time.

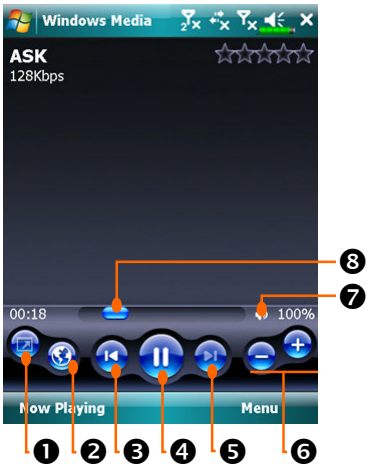
❺Provides the relevant menu.

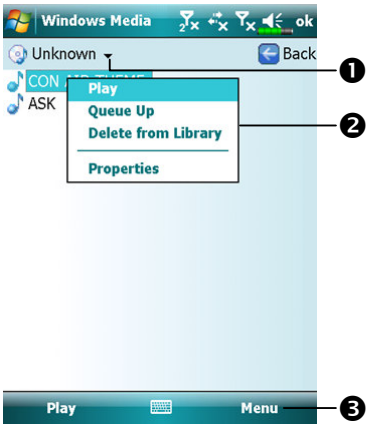


Tap ▲I on the lower left corner to open the menu. Tap **End Show** to quit.

Windows Media Player

Use Microsoft Windows Media Player for Pocket PC to play digital audio and video files that are stored on your Pocket PC or on a network. To switch to Windows Media Player for Pocket PC, tap > **Programs** > **Windows Media**.





❶Use full-screen to view video.

❷Display website. Find music or video to be played from website.

❸Return to the start of the current file or previous file.

❹Tap to play or pause.

❺Tap to skip to the next song.

❻Tap to adjust volume.

❼Audio/mute

❽Indicates the progress of the current track.

To enter the screen shown on the left, tap **Menu** and then **Library**.

❶Select Library.

❷Tap and hold the file or folder to be played, then tap **Play** or **Queue Up**.

❸**Menu** button: Tap **Open File** to play files that do not belong to the current library. Tap **Update Library** to update the file list.

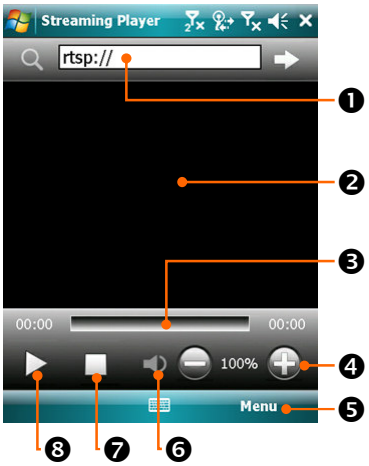
Use Microsoft Windows Media Player on your desktop computer to copy digital audio and video files to your Pocket PC.

For more information about using Windows Media Player for Pocket PC, tap > **Help**.

Streaming Player

Tap > **Programs** > **Streaming Player**.

Some audio and movie files that cannot be played back from Microsoft Windows Media Player, for example RTSP, HTTP… types of files, will be automatically switched to **Streaming Player** by the system.



❶Automatically launch the **Streaming Player** for playback when using **Internet Explorer** to run media files not supported by **Windows Media**. Tap in to enter the website address and media file name.

❷View the video. Tapping in this area during playback will enable full-screen video content. Tapping the screen again will return to the normal display mode.

❸Indicates the current position in the track.

❹Adjust volume level.

❺Provides the relevant menu.

❻Mute or enable sound.

❼Stop.

❽Play or pause.

Internet Explorer

Using Internet Explorer

Use Microsoft® Internet Explorer Mobile to view Web or WAP pages in either of these ways:

- During synchronization with your desktop computer, download your favorite links and mobile favorites that are stored in the Mobile Favorites subfolder in Internet Explorer on the desktop computer.
- Connect to an Internet service provider (ISP) or network and browse the Web. To do this, you'll need to create the connection first, as described in "Connect to the Internet".

When connected to an ISP or network, you can also download files and programs from the Internet or intranet.

To switch to Pocket Internet Explorer, tap > **Internet Explorer**.

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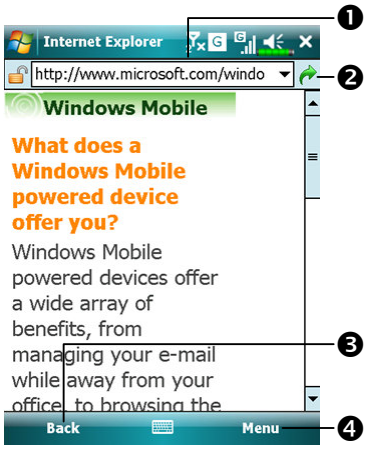
Browse the Internet

Refer to "Connecting to the Internet" section to connect the Pocket PC to the Internet and start browsing websites.

1. Tap > **Internet Explorer**.
2. Input the site address into the address bar at the top of the screen and connect to this site.
3. Use the scroll bar at the right side or bottom of the screen, or press the up or down button on the Pocket PC to view the contents of the entire website.



❶Input address here

❷Tap to launch

❸**Back** button

❹Provides the relevant menu, such as **Favorites**, **Add to Favorites**, **Home**, and **Refresh**.

Aside from keying in the address directly, you can also connect to websites using the following methods.

- Tap the **Favorites** button, and then tap the favorite you want to view.
- In the address bar, tap the arrow ▼ to choose from previously entered addresses.

Notes

To add a favorite link while using the Pocket PC, go to the page you want to add, tap and hold on the page, and tap **Add to Favorites**.

View Mobile Favorites and Channels

❶Tap the favorite you want to view.

❷Tap to add or delete a folder or favorite link.

1. Tap the **Favorites** button to display your list of favorites.

2. Tap the page you want to view.

You'll see the page that was downloaded the last time you synchronized with your desktop computer. If the page is not on your Pocket PC, the favorite will be dimmed. You will need to synchronize with your desktop computer again to download the page to your Pocket PC, or connect to the Internet to view the page.

The Mobile Favorites Folder

Only items stored in the Mobile Favorites subfolder in the Favorites folder in Internet Explorer on your desktop computer will be synchronized with your Pocket PC. This folder was created automatically when you installed synchronization tools.

Favorite Links

During synchronization, the list of favorite links in the Mobile Favorites folder on your desktop computer is synchronized with Pocket Internet Explorer on your Pocket PC. Both computers are updated with changes made to either list each time you synchronize. Unless you mark the favorite link as a mobile favorite, only the link will be downloaded to your Pocket PC, and you will need to connect to your ISP or network to view the content. For more information on synchronization, see Help on the desktop computer.

Synchronize Mobile Favorites

If you are using Microsoft Internet Explorer 5.0 or later on your desktop computer, you can download mobile favorites to your Pocket PC. Synchronizing mobile favorites downloads Web content to your Pocket PC so that you can view pages while you are disconnected from your ISP and desktop computer.

Use the Internet Explorer plug-in installed with synchronization tools to create mobile favorites quickly.

Create a Mobile Favorite

1. In Internet Explorer on your desktop computer, click **Tools** and then **Create Mobile Favorite**.
2. To change the link name, enter a new name in the **Name** box.
3. Optionally, in **Update**, select a desired update schedule.
4. Click **OK**. Internet Explorer downloads the latest version of the page to your desktop computer.

5. Synchronize your Pocket PC and desktop computer. Mobile favorites that are stored in the Mobile Favorites folder in Internet Explorer are downloaded to your Pocket PC.

Notes

If you did not specify an update schedule in step 3, you will need to manually download content to keep the information updated on your desktop computer and Pocket PC. Before synchronizing with your Pocket PC, in Internet Explorer on your desktop computer, click **Tools** and then **Synchronize**. You will see the last time content was downloaded to the desktop computer, and you can manually download content if needed.

You can add a button to the Internet Explorer toolbar for creating mobile favorites. In Internet Explorer on your desktop computer, click **View**, **Toolbars**, and then **Customize**.

Save Pocket PC Memory

Mobile favorites take up storage memory on your Pocket PC. To minimize the amount of memory used:

- In the settings for the Favorites information type in synchronization tools options, turn off pictures and sounds, or stop some mobile favorites from being downloaded to the Pocket PC. For more information, see Help.
- Limit the number of downloaded linked pages. In Internet Explorer on the desktop computer, right-click the mobile favorite you want to change and then **Properties**. In the **Download** tab, specify 0 or 1 for the number of linked pages you want to download.

12 Maintaining the Pocket PC

Backup Utility

Tap > **Programs** > **Utilities** > **Backup Utility**.

Backup Utility is used to back up or restore files saved in the Pocket PC. You can back up personal data such as **Calendar**, **Contacts**, **Tasks**, **Personal profile**, **Network settings**, **Messaging** (E-mails and SMS), etc.

Storage Space

When making backups, you can choose the following storage spaces:

1. My Documents: Data saved here may disappear when you perform a cold boot. It is recommended that you use this area only as temporary storage.
2. External storage card.

Backup Files

Wizard Mode

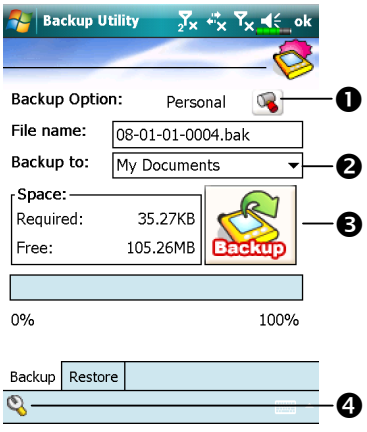
❶Tap **Backup**.

❷Tap **Next** button and the Wizard will guide through the steps that follow.

❸**Standard**: Switch to the Standard mode.

Standard Mode

Backup your personal data to a storage space.



➲Tap the **Backup** tab.

❶Tap to check the items for backup.

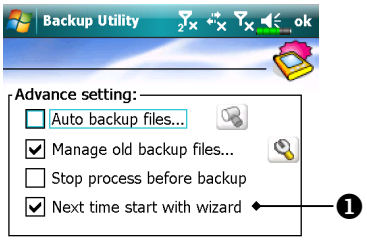
❷Tap to select the storage space from the list.

❸Tap **Backup** button to start the backup.

❹**Advanced** button: Enter the Advanced settings screen.

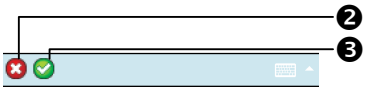
Advanced Settings Options

Under the Backup Files screen, tap **Advanced** button to enter the Advanced settings screen as shown below.



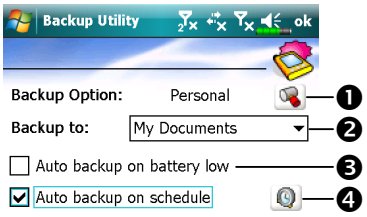
➲Check the options as required.

❶If you check this option, the Wizard will guide you through the steps to complete the operation the next time you open **Backup Utility**.



❷**Cancel** button

❸**OK** button



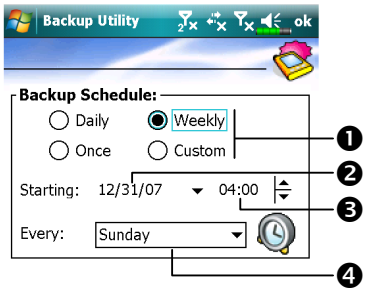
➲If you checked "**Auto backup files**," tap to enter the screen shown on the left.

❶Select the backup option.

❷Select the site to backup to.

❸Pocket PC performs auto backup when the battery power is low.

❹To backup regularly, tap to select "**Auto Backup on schedule**."



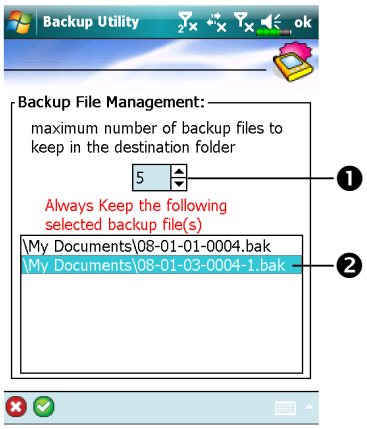
➲If you checked "**Auto backup on schedule**," tap to enter the screen shown on the left.

❶Backup frequency.

❷Tap the date button on the right of "**Starting**" to set the starting date.

❸Tap the time button on the right of "**Starting**" to set the starting time.

❹If you have selected "**Weekly**," tap the function button on the right of "**Every**" to set the day of the week to backup.



➲If you selected "**Manage old backup files**," tap to enter the screen shown on the left.

❶Tap the arrowhead to set the number of files.

❷Tap the files to be retained.

Restore Files

Caution!

1. When restoring files, the system will delete all current data in the Pocket PC and replace it with the backup files.
2. To make sure that files can be restored successfully, do not use the Pocket PC while performing restore.
3. Restore cannot be stopped once it is started. Think carefully before proceeding.
4. After restore completed, your Pocket PC will reboot.

Wizard Mode

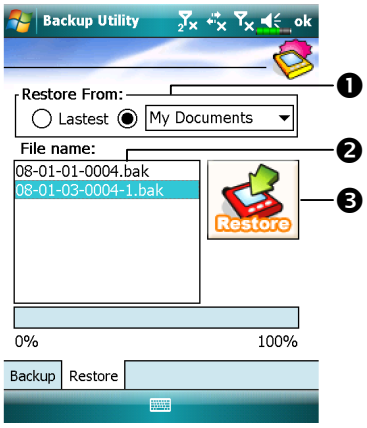
❶Tap **Restore**.

❷Tap **Next** button and the Wizard will guide through the steps that follow.

❸ **Standard**: Switch to the Standard mode.

Standard Mode

Restore the backup personal data from a storage space.



➲Tap the **Restore** tab.

❶Select "**Latest**" below "**Restore From**." Or select from the list.

❷Tap backup file name from the list under "**File Name**."

❸Tap **Restore** button to start restoring.

Adding or Removing Programs

Programs added to your Pocket PC at the factory are stored in ROM (read-only memory). You cannot remove this software, and you'll never accidentally lose ROM contents. All other programs and data files added to your Pocket PC after factory installation are stored in RAM (random access memory).

You can install any program created for your Pocket PC, as long as your Pocket PC has enough memory. The most popular place to find software for your Pocket PC is on the Pocket PC Web site (http://www.microsoft.com/windowsmobile/pocketpc/).

Add Programs Using Synchronization Tools

You'll need to install the appropriate software for your Pocket PC on your desktop computer before installing it on your Pocket PC.

1. Determine your Pocket PC and processor type so that you know which version of the software to install. Tap > **Settings**. On the **System** tab, tap **About**. In the **Version** tab, make a note of the information in **Processor**.
2. Download the program to your desktop computer (or insert the CD or disk that contains the program into your desktop computer). You may see a single *.xip, *.exe, or *.zip file, a Setup.exe file, or several versions of files for different Pocket PC types and processors. Be sure to select the program designed for the Pocket PC and your Pocket PC processor type.
3. Read any installation instructions, Read Me files, or documentation that comes with the program. Many programs provide special installation instructions.
4. Connect your Pocket PC and desktop computer.

5. Double-click the *.exe file.

❶ If the file is an installer, the installation wizard will begin. Follow the directions on the screen. Once the software has been installed on your desktop computer, the installer will automatically transfer the software to your Pocket PC.

❷ If the file is not an installer, you will see an error message stating that the program is valid but it is designed for a different type of computer. You will need to move this file to your Pocket PC. If you cannot find any installation instructions for the program in the Read Me file or documentation, use synchronization tools **Explore** to copy the program file to the Program Files folder on your Pocket PC. For more information on copying files using synchronization tools, see Help.

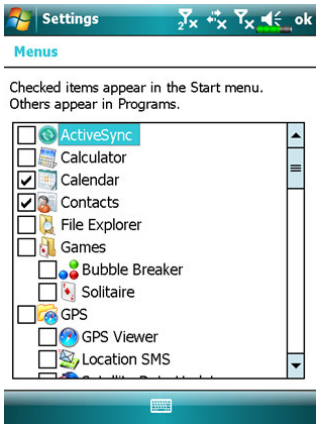
Once installation is complete, tap > **Programs**, and then the program icon to switch to it.

Add a Program Directly from the Internet

1. Determine your Pocket PC and processor type so that you know which version of the software to install. Tap > **Settings**. On the **System** tab, tap **About**. In the **Version** tab, make a note of the information in **Processor**.
2. Download the program to your Pocket PC straight from the Internet using Pocket Internet Explorer. You may see a single *.xip, *.exe or *.zip file, a Setup.exe file, or several versions of files for different Pocket PC types and processors. Be sure to select the program designed for the Pocket PC and your Pocket PC processor type.
3. Read any installation instructions, Read Me files, or documentation that comes with the program. Many programs provide special installation instructions.
4. Tap the file, such as a *.xip or *.exe file. The installation wizard will begin. Follow the directions on the screen.

Add a Program to the Start Menu

Tap > **Settings** > **Personal** tab > **Menus**.



➲Check the box for the program.

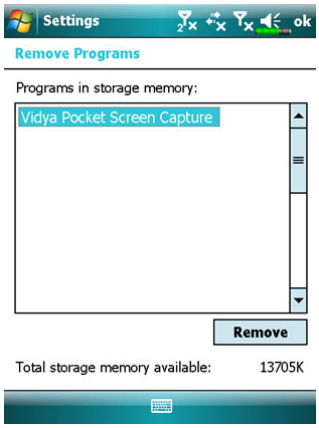
If you do not see the program listed, you can either use **File Explorer** on the Pocket PC to move the program to the Start Menu folder, or use synchronization tools on the desktop computer to create a shortcut to the program and place the shortcut in the Start Menu folder.

- Using File Explorer on the Pocket PC: Tap > **Programs** > **File Explorer**, and locate the program (tap the folder list, labeled **My Documents** by default, and then **My Device** to see a list of all folders on the Pocket PC). Tap and hold the program and tap **Cut** on the pop-up menu. Open the **Start Menu** folder located in the **Windows** folder, tap and hold a blank area of the window, and tap **Paste** on the pop-up menu.
  The program will now appear on the menu.

- Using synchronization tools on the desktop computer: Use the Explorer in synchronization tools to explore your Pocket PC files and locate the program. Right-click the program and then click **Create Shortcut**. Move the shortcut to the **Start Menu** folder in the **Windows** folder. The shortcut now appears on the menu. For more information, see Help.

Remove Programs

Tap > **Settings**. On the **System** tab, tap **Remove Programs**.



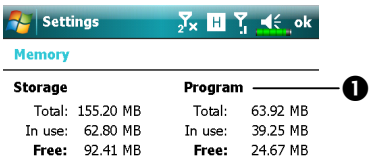
➲Tap a program name from the list under "**Programs in storage memory**" to highlight it and then tap **Remove**.

If the program does not appear in the list of installed programs, use **File Explorer** on your Pocket PC to locate the program, tap and hold the program, and then tap **Delete** on the pop-up menu.

Manage Memory

View Memory Status

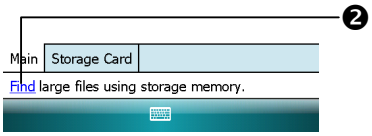
Tap > **Settings** > **System** tab > **Memory**.

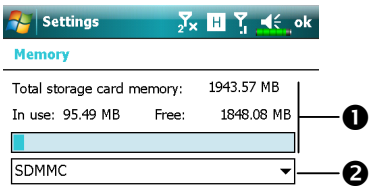


➲Tap the **Main** tab.

❶The status of Storage and Program memory.

❷Find: Quick link to the **Search** program.





➲Tap the **Storage Card** tab.

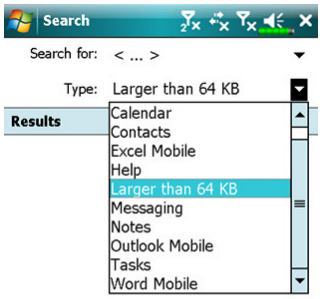
❶Current storage card memory status.

❷Tap to select the built-in or external storage card.

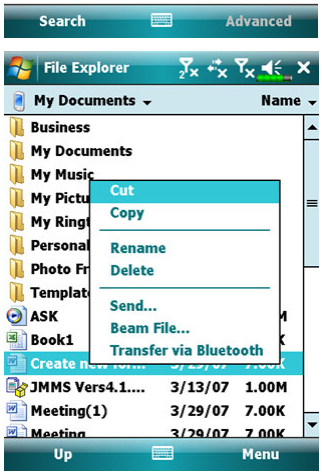
Find Available Memory

Under certain circumstances such as insufficient memory, the Pocket PC cannot allocate memory automatically. Try to solve this problem through the following methods:

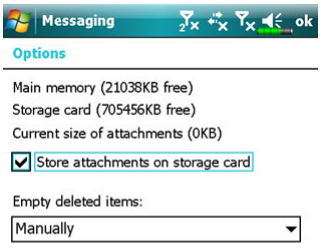
Tap > **Programs** > **Search**.



1. To find files occupying larger amounts of memory, select "**Larger than 64 KB**" for type and tap **Search**.
2. Then use File Explorer.



1. Tap > **Programs** > **File Explorer**. Use **File Explorer** to move the files you want to keep to external storage cards. Tap and hold the items to be moved, then tap **Cut** or **Copy** on the pop-up menu. Move to the storage card and then tap **Paste**.
2. Use **File Explorer** to delete files that you no longer need.



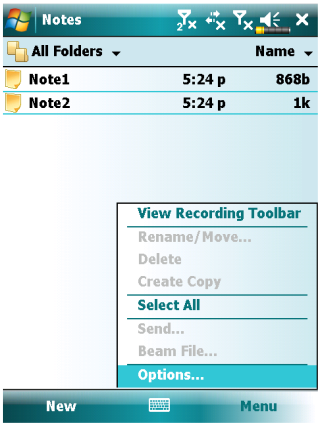
Tap > **Messaging** > **Menu** > **Tools** > **Options** > **Storage** tab.

➲Check "**Store attachments on storage card**" to save attached files from E-mails automatically in the storage card in future.

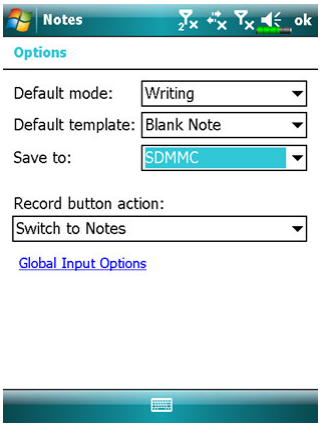
Tap > **Internet Explorer** > **Menu** > **Tools** > **Options** > **Memory** tab

➲Tap **Clear History** and **Delete Files** to delete records of websites that you have browsed.

Tap > **Programs** > **Notes/Word Mobile/Excel Mobile** > **Menu** > **Options**.



1. Enter the **Notes** file list screen.
2. Tap **Menu** and then **Options**.



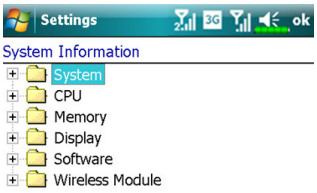
3. Tap the "**Save to**" function button and select SDMMC from the list. This indicates that you are using your external storage card. Hereafter, new files will be automatically saved to this storage card.

Follw the same operation procedure for **Notes** in **Word Mobile** and **Excel Mobile**.

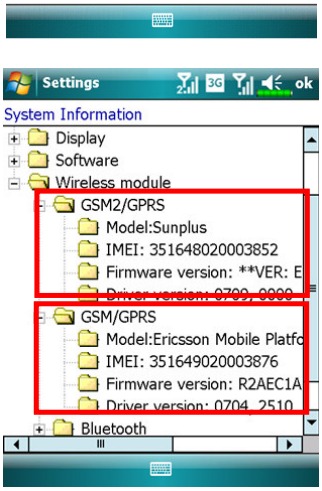
In addition, you can use the **Rename/Move** or **Save As** function provided by the program above to move or save files to the storage card.

System Information

Tap > **Settings** > **System** tab > **System Information**.



Tap ⊞ or ⊟ to display or hide the system information.



To find detailed information of your SIM cards, tap ⊞ infront of "**Wireless module**" to expand the category, and tap the SIM card you desire to look at. If you have installed two SIM cards in the slots, both IMEI numbers of the SIM cards will be shown here.

13 Voice Commander

Tap > **Programs** > **Voice Commander**.

Voice Commander is continuous voice recognition application software in the Pocket PC. **Voice Commander** allows the user to use their own voice to dial and control functions. **Voice Commander** has the following features:

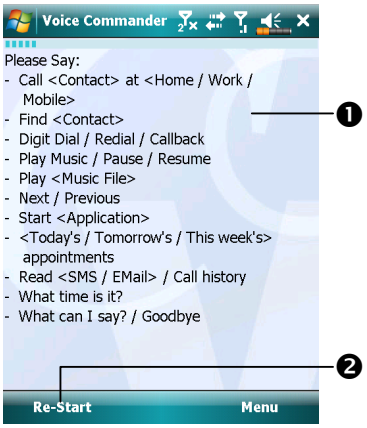
- Fully voice-controlled system that allows the user to complete operations (such as dialing phone or running applications) quickly without using hands.
- Uses Speaker-Independent (SI) recognition technology that allows the user to use the Pocket PC immediately without having to train or pre-record for the system.
- Provides a Conversational UI for guiding beginners to issue voice commands through the conversational method. The user can then use commands easily without any practice.
- Provides the Voice tag and "digit model adaptation" function so that the user can customize personal settings and further increase recognition and convenience in usage.

The **Voice Commander** provided with this product does not need personal training or recording. You can use voice control to operate this Pocket PC immediately. Try calling out "**Solitaire**" to play. Press the **Voice Commander** button on the side of the Pocket PC and when the system prompts you to "**Say Command,**" just say "**Start Solitaire**" and the **Solitaire** game screen will appear.

Starting Voice Commander

Here are two methods for running **Voice Commander**:

1. Tap > **Programs** > **Voice Commander** > **Voice Commander**.
2. **Voice Commander** key. The system sets the button on the Pocket PC as the exclusive "Voice Commander" button. Just press this key to run **Voice**.



❶Show the format of voice command.

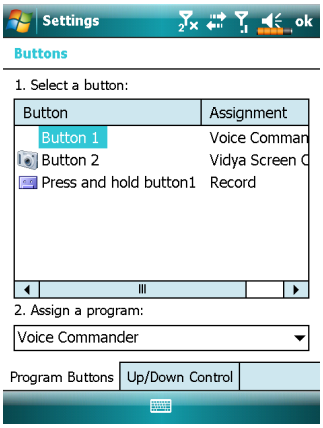
❷**Re-Start** button: Restart **Voice Commander**.

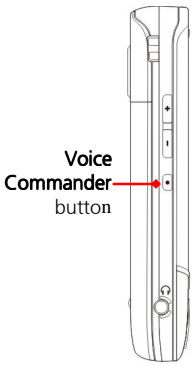
❸**Menu** button:

Settings: Setup **Voice Commander**.

Help: About **Voice Commander**.

Exit: Exit **Voice Commander**.





Tap > **Settings** > **Personal** tab > **Buttons** to redefine the **Voice Commander** hot key or other hardware buttons.

Voice Command Format

Press the **Voice Commander** button on the Pocket PC and enter the **Voice Commander** screen.

- Voice Name dialing

  Usage: Call <Contact> at <Home/Work/Mobile>

  Example 1: *Call Jennifer Lopez*

  Example 2: *Call Jennifer Lopez at mobile*

- Voice Show Contact

  Usage: Show <Contact> at <Home/Work/Mobile>

  Example 1: *Show Eric Clapton*

  Example 2: *Show Eric Clapton at work*

- Voice Digit Dial

  Usage: Digit Dial

  Example: Digit Dial

  (System: *What number*)

  29109088

- Start Application

  Usage: Start <Application>

  Example: *Start Calendar*

- Voice Show Appointment

  Usage: Today's/Tomorrow's/

  This week's Appointment

- Voice Play Music File

  Usage: Play <Music file name>

  Example 1: Play The Moment

  Example 2: Play SHE album

  Example 3: Play Music

- Goodbye

  Usage: Goodbye

Tips

- All the names in **Contacts** will automatically become recognizable contacts in the "Voice dialing" syntax. However, if the number of contacts exceeds 1000 entries, the system will not recognize the excessive entries. To add these entries to Voice Commander for recognition, tap **Menu** > **Settings** or run **Voice Commander Settings** to check and add these contacts manually for voice recognition.
- If your volume is too low or if your surroundings are so noisy that the system cannot recognize your voice, the system will prompt you "Please say again." Adjust the distance between yourself and your Pocket PC or reduce the noise and try again.
- If the user has a heavy accent that may cause poor voice recognition, use any of the following methods to train the personal digital adapted model in order to increase recognition:

1. Tap **Menu** > **Setting** > **Digit Training** tab.
2. Tap **Voice Commander Settings** > **Digit Training** tab.

- You can also tap **Voice Commander** > **Menu** > **Exit** to end **Voice Commander**.
- If you open another program while using **Voice Commander** and it covers the V**oice Commander** screen, **Voice Commander** will terminate automatically.

Voice Commander Settings

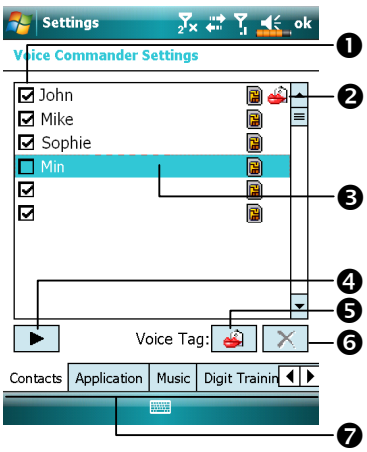
There are two ways to run **Voice Commander Settings**:

Tap > **Programs** > **Voice Commander** > **Voice Commander Settings**.
Tap **Menu** > **Settings** while using **Voice Commander**.

Voice Commander Settings allows the user to personalize the **Voice Commander** settings, add and remove contacts or applications within the recognition range, record voice tags or play commands to prompt the user on how to say the correct command.

Contacts Settings Page

Tap **Voice Commander Settings** and then the **Contacts** tab. The setting page will list all the names and their status (whether or not it is selected, with or without voice tag) in **Contacts**.



❶Check box function
If a contact is checked, it can be identified normally. If unchecked, this indicates that it is not within the recognizable range. Please create a voice tag.

❷ Lips icon: Voice tag is built.

❸Tap a contact name to highlight it for using with buttons.

❹ ▶ **Play** button: Play the recorded voice tag for this contact and hear how it is pronounced.

❺ **Build** button: Record the voice tag for this contact again. During the recording, tap ■ **Cancel button** to cancel recording.

❻ ✕ **Delete** button: Delete the voice tag for this contact.

❼**Contacts** tab: Sets the voice commands for **Contacts**.

Application tab: Sets the voice commands for applications.

Digit Training tab: Sets the voice command for digital dialing.

Advanced Settings tab: Sets the length and sensitivity for digital dialing.

For example, record Alex Cooper in **Contacts** as Sweet Heart.

1. Tap Alex Cooper.
2. Tap **Build** button.
3. When you hear a beep, say the words "Sweet Heart" that you want to record.
4. When you hear a second beep, say "Sweet Heart" again.
5. After recording twice, the system will play the voice you just recorded to indicate that you have created a voice tag.
6. At this time, a Lips icon appears to the right of your contact, Alex Cooper, to indicate that there is a voice tag created for this name. This is helpful in identifying which contacts already have voice tags.
7. To create another voice tag, tap **Build** button and repeat the steps above.
8. Tap ✕ **Delete** button to remove the voice tag. The system will then restore the default voice for Alex Cooper.

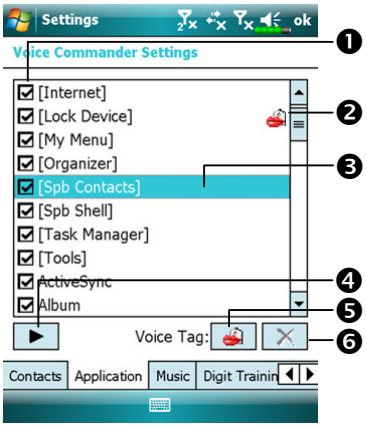
Tips

- You can choose which Contacts are to be added to the recognizable range of the Voice Commander. By default, the system automatically adds all names within the recognizable range.
- If the number of **Contacts** exceeds 1000 entries, the system will not recognize the excessive entries. To add these contacts to **Voice Commander** for recognition, manually check the check boxes in front of the contact entries.

Application Settings Page

Tap **Voice Commander Settings** > **Application** tab and the Settings page will list the applications and settings installed by the Pocket PC on and then **Programs** (whether or not it is selected, with or without voice tag).

You can choose which applications are to be added to the recognizable range of the **Voice Commander**. By default, the system automatically adds all applications as recognizable targets in the < Application > syntax in "Voice open application." No matter when you install a new application, the system updates immediately and adds the new application within the recognizable range. This helps you save time spent in finding applications.



❶Check box function
If the application is checked, it can be identified normally. If unchecked, this indicates that it is not within the recognizable range.
If the check box is gray and cannot be checked, this indicates that the item is unrecognizable. Build a voice tag to add a gray item into the recognizable range.

❷ Lips icon: Voice tag is built.

❸Tapped application name is highlighted and can be used with ▶ ✕ functions.

❹ **Play** button: Play the recorded voice tag for this application and hear how it is pronounced.

During the recording, tap

❺ **Build** button: Record the voice tag for this application again.

Cancel button : Tap to cancel recording.

❻ **Delete** button: If there is a Lips icon, the voice tag for this application can be deleted and restored to the default system voice.

Application example: You want to record Windows Live™ Messengers as "Chat room."

1. Tap Windows Live™ Messengers.
2. Tap **Build** button.
3. When you hear a beep, say the words "Chat room" that you want to record.
4. When you hear a second beep, say "Chat room" again.
5. After recording twice, the system will play the voice you just recorded to indicate that you have created a voice tag.
6. At this time, a Lips icon appears to the right of Windows Live™ Messengers to indicate that there is a voice tag created for this application name. This is helpful in identifying which applications already have voice tags.
7. To create another voice tag, tap **Build** button and repeat the steps above.
8. Tap **Delete** button to remove the voice tag. The system will then restore the default voice for Windows Live™ Messengers.

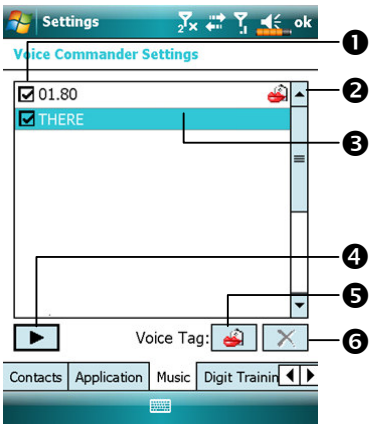
Music Settings Page

Tap **Voice Commander Settings** and then the **Music** tab, the settings page will list the music files and configuration status of the specify folder in your Pocket PC or on your storage card.

If you add a new music file, the system will update in real-time, automatically adding the file to your recognizable range, saving you the time of searching for your music files.

The system will automatically activate music files stored in the following folders:

1. All folders on your storage card.
2. The **My Documents** folder in your Pocket PC, or any folder that is inside the **My Documents** folder.
3. If you want to transfer the files to your Pocket PC via the synchronization tools, then you must put the files in either the **Play lists** folder or the **Music** folder.



❶Check box function

If the music file name is checked, it can be identified normally. If unchecked, this indicates that it is not within the recognizable range.

If the check box is gray and cannot be checked, this indicates that the item is unrecognizable. Build a voice tag to add a gray item into the recognizable range.

❷ Lips icon: Voice tag is built.

❸Tapped music file name is highlighted and can be used with ▶ Lips icon ✕ functions.

❹▶ **Play** button: Play the recorded voice tag for this music file name and hear how it is pronounced.

During the recording, tap

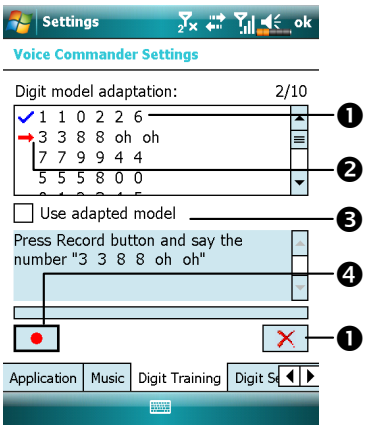
❺ Lips icon **Build** button: Record the voice tag for this music file name again.

Tap ■ **Cancel button** to cancel recording.

❻✕ **Delete** button: If there is a Lips icon, the voice tag for this music file name can be deleted and restored to the default system voice.

Digit Training Page

Tap **Voice Commander Settings** and then the **Digit Training** tab. This function trains a set of personal voice model to increase accuracy in recognition for users with heavier accents.



❶✓: Voice tag is built.

❷➔: Current digit to be recorded.

❸Check "**Use adapted model**" to use the model tailor made for you with better recognition ability.

❹ **Record** button: Start recording the assigned digit.

❺ **Remove All** button: Delete all voice tags.

There are 10 sets of built-in 6-digit numbers that you have to recite. The steps are as follows:

1. Tap **Record** button. When you hear a beep, start reciting the displayed numbers.
2. After reciting, the system plays the numbers you just recited so that you can check if it is correct.
3. If correct, please tap **Yes** and the system prompts you to continue reciting the next set of numbers for recording.
4. If it is necessary to recite these numbers again, tap **No** and then recite again.
5. If you are not satisfied with the sound recorded before, tap **Remove All** button and the system will delete all recorded sounds. Please record again.
6. **After recording 10 sets of numbers, the system will tell you that the voice model is already built.**

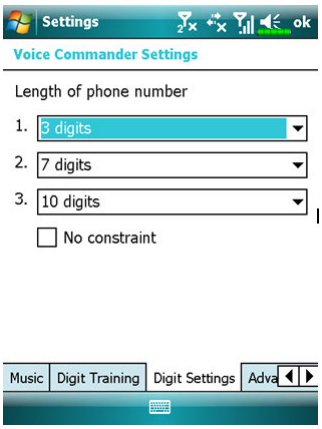
Tips

- As long as you have completed recording, then you can check "**Use adapted model**" to use the personal model tailored made for you. It is recommended that you recite all 10 sets of numbers so the adaptation effect is more obvious. If you do not want to use the adapted model, then just uncheck "**Use adapted mode**l."
- If you have trained 10 sets of number as 1 set of voice model, the system will show that all numbers are already recorded when you run this function. If some of the numbers are not yet recorded, the system returns to where it stopped the last time to let you continue with the unfinished portion.
- You can also tap **Remove All** button and the system will delete the last voice model trained and let you train a new model

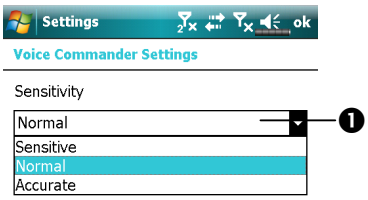
Digit Settings Page

The digit setting is for voice recognition. The "**Length of phone number**" setting specifies the maximum number of digits that can be entered as the phone number. These settings will improve recognition accuracy.

- There are three fields in this screen, you can set different lengths in the three fields respectively. The system default settings are 3, 7, and 10, this means that in Digital Dial your system will recognize telephone numbers of 3, 7, and 10 digits in length.
- If you check **No constraint**, the system will not constrain the length of the telephone number that you input, any length of from 1 to 18 digits will be accepted.



Advanced Settings Page



❶**Sensitivity**: When you use this setting, the voice recognition system is not as strict while performing voice recognition tasks, in other words, under this setting the system will respond to your voice most of the time and you won't have many non-responsive situations. You should set the system to **Sensitive** when in continually noisy environments, for example when on a train or in a factory, etc.

Normal: **Normal** is the default setting and is best for the average environment.

Accurate: Under the **Accurate** setting, the system is more strict when performing voice pattern matching. Recognition errors are less likely to occur when you set the system to **Accurate**.

FAQ

Question: I want to make a call to my friend Andy Miller, but I'm tired of reading manuals. What do I need to know if I just want to make phone calls?

Answer: Make sure you have Andy Miller's name and phone number in the contact database. Press the **Voice Commander** button, and say "Call Andy Miller." The system will guide you through it.

Question: I added a new contact but it is not recognized.

Answer:

1. The system only recognizes English words and characters or digits. Any symbols or marks will be ignored. However you can still make a voice tag for these items.
2. When the number of contacts exceeds 1,000 entries, the system will not recognize the excessive entries, until activated manually by the user.
3. To have a look at the status of the contact's voice command attributes, please go to the **Contacts** setting page in **Voice Commander Settings**.

Question: I recorded a voice tag for my friend last month, but I forgot what I recorded. Do I need to redo the recording?

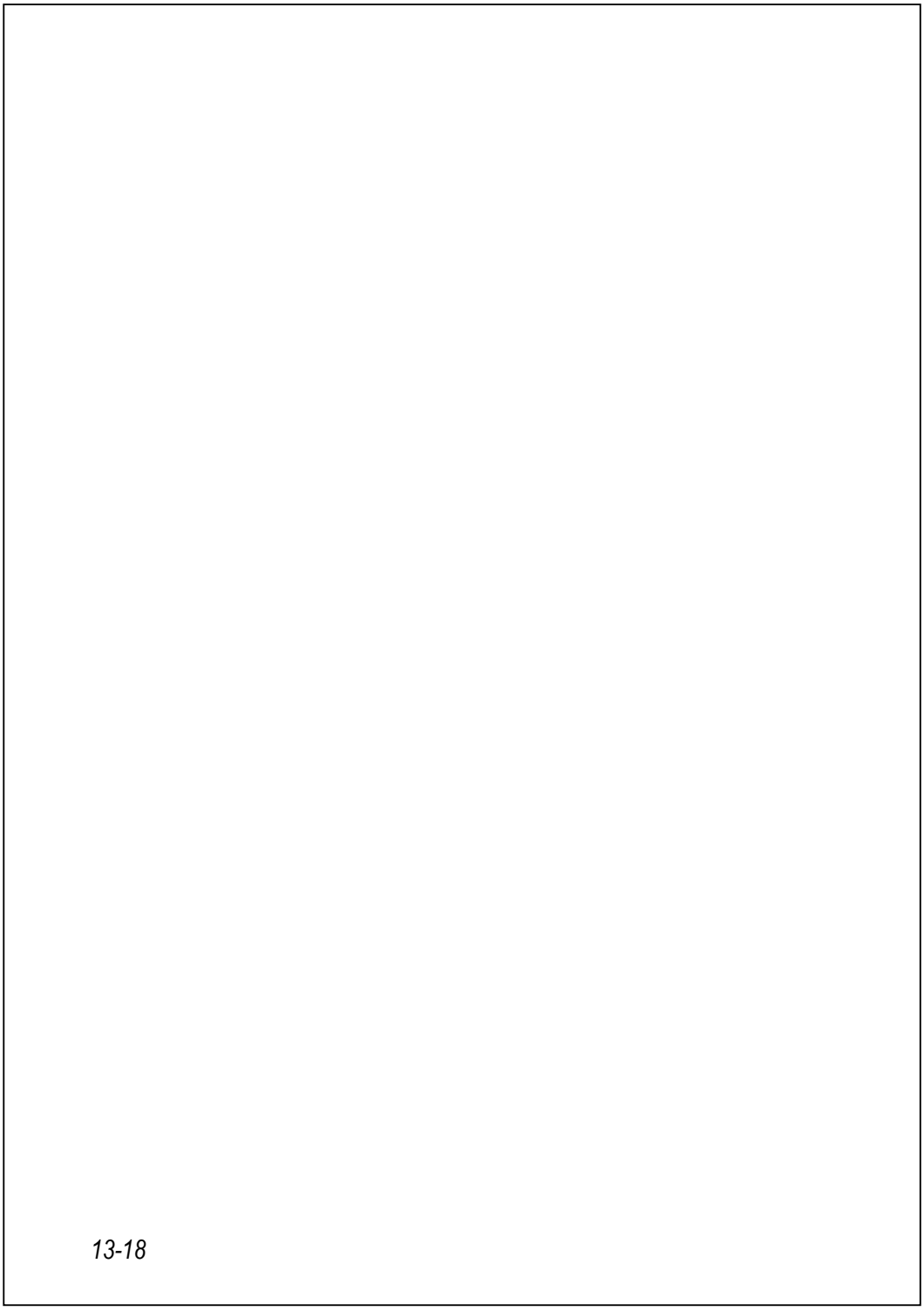
Answer: No! Just tap Voice Commander Settings, the Contacts tab, select the contact, and then tap ▶ Play button.

Question: I performed digit training today, but I found that the accuracy is worse than before, what do I do now?

Answer: You can retry the digit training again in a "quiet" place. And if it still doesn't help, disable the adapted model and use the default one. To disable the adapted model, tap **Voice Commander Settings**, the **Digit Training** tab, and then uncheck **"Use adapted model."** Or just tap **Remove All** button to remove the model. It will save you some memory this way.

Question: I accidentally activated **Voice Commander**, how can I abort it?

Answer: Say "Goodbye."



14 Specifications

Item	Description
Operating system	Windows Mobile® 6.1 Professional
Processor	Samsung SC3 6400, 533MHz
Memory	256MB ROM, 128 MB RAM
Display	2.8" VGA, 65,536 colors TFT-LCD touch window(640 x 480)
Communication	■ 3.5G HSDPA / UMTS (2100/1900/850 MHz) Quad-Band GSM : 850/900/1800/1900 MHz EDGE class 10/GPRS class 10 2.75G GSM/GPRS Tri-Band(900/1800/1900) ■ Wireless LAN 802.11b/g ■ Bluetooth 2.0 class 2 + EDR
GPS	Embedded Chip, SiRF Star III
Camera	■ 3.2M pixels auto-macro with flashlight, up to 2048 x 1536 resolution ■ 0.3M pixels fixed-focus Camera for conference call usage
Light Sensor	Sensing the brightness of environment to adjust panel luminance
Gravity Sensor	Gravity Sensor for user friendly operation
Expansion slot	MicroSD
Interface (Audio)	Built-in microphone and speaker, external stereo headsets jack
Interface (Data)	Mini USB 2.0 Sync

Design and specifications are subject to change without notice.

Item	Description
Interface/Audio	Built-in microphone and speaker External stereo headset jack
Interface/Data	USB Sync
Power supply	Battery: 1530 mAh Li-Ion Polymer, rechargeable, replaceable AC Adapter: 100~240 VAC/50~60 Hz, 5V/1A DC
Environmental temperature	Daily operation: 0°c ~ 40°c; storage: -10°c ~ 50°c
Environmental humidity	45% ~ 85%
Dimensions	106 x 60.5 x 17 mm 147g (including battery)
Optional accessories	Battery, Car charger, Car mount, TV-out cable

15 Regulation Notice and Safety Declaration

SAR Information

Your device contains a radio transmitter and receiver, and it is designed, manufactured and tested not to exceed the radio frequency exposure limitations recommended by international guidelines.

The maximum SAR values for DX900 are:

- 0.831 W/kg @10g (GSM 900)
- 0.373 W/kg @10g (GSM1800)
- 0.492 W/kg @10g (WCDMA 2100)
- 0.044 W/kg @10g (WiFi)

Health and Safety Information

Electrical and Battery Safety

- Please use ONLY accessories approved by the manufacturer. Any battery, AC adapter or cable of which authenticity is not verified by authorized service point or dealer (even if similar to original product in appearance or specifications) should not be used with your Pocket PC. The warranty of your Pocket PC DOES NOT apply to damage caused by use with non-manufacturer approved products.
- Follow the specifications of the battery manufacturer: Avoid charging the battery when the environmental temperature is higher than 45°C. Do not store or use the battery when the environmental temperature is higher than 50°C. Otherwise, battery expansion or leakage may occur.
- Do not attempt to disassemble, pound, pierce or damage the battery to avoid causing injury, danger or risk.

Application Environment Safety

- Do not directly expose the Pocket PC to any of the following environments: rapid changes of temperature, high temperature (such as direct exposure to sunlight or stoves), extremely low temperature, high pressure, areas with electrostatic discharge interference or dusty and humid places. Do not soak or wet the Pocket PC with water or any other liquid.
- Do not place the Pocket PC near electrical appliances (such as TVs, computers, scanners, disc players, faxes, hair dryers, etc.) that may generate electrostatic discharge interference.
- Never drop the Pocket PC nor subject it to strong impact.

- Do not use ordinary pen or any object with a sharp tip to tap the Pocket PC cover or screen (LCD panel) to avoid damaging and scratching the surfaces.
- Do not use corrosive or volatile liquids to wipe the Pocket PC. If necessary, use a soft cloth or tissue to wipe the Pocket PC.

Warranty Security

- In case the Pocket PC is damaged, kindly return it to your place of purchase. Do not attempt to disassemble this device on your own as this may void the warranty.
- If any hazards result from the failure of the user to comply with usage rules, we will not be held responsible for any resulting warranty claims.

Data Security

- This company is not responsible for any data loss or damage to the Pocket PC due to improper use. Record important data in your notebook separately or use the USB accessories that come with this product to save important data to your computer or storage card.

Privacy Restrictions

- Some countries require full disclosure of recorded telephone conversations, and stipulate that you must inform the person with whom you are speaking that the conversation is being recorded. Always obey the relevant laws and regulations of your country when using the rewording feature of your Pocket PC Phone.

IMPORTANT SAFETY PRECAUTIONS

- When using this product, the safety precautions below must be taken to offset possible legal liabilities and damages.

Safety in airports, medical facilities, and inflammable environments

When aboard an aircraft, at a medical facility, or at the gas pump where wireless communication devices are prohibited, please launch the **Communication Manager** and then tap the button. When the color of the icon turns orange , the Flight Mode is activated and the wireless connection of the Pocket PC is disabled.

Safety In Aircrafts

Due to the possible interference caused by this product to an aircraft's navigation system and its communications network, using this product on board an airplane is against the law in most country.

Interference With Medical Equipment Functions

This product may cause medical equipment to malfunction. The use of this device is forbidden in most hospitals and medical clinics.

Environment Restrictions

Do not use this product in gas or refueling stations. The use of this product is also prohibited in fuel storehouse, chemical plants, and locations containing explosives.

Safety For Environments

Do not use this product in gas station, fuel depots, chemical plants or where blasting operations are in progress, or in potentially explosive atmospheres such as fueling areas, below deck on boats, fuel or chemical transfer or storage facilities, and areas where the air contains chemicals or particles, such as grain, dust, or Mattel powders. Please be aware that Sparks in such areas could cause an explosion or fire resulting in badly injury or even death.

Explosive Atmospheres

When in any area with a potentially explosive atmosphere or where flammable materials exist, the product should be turned off and user should obey all signs and instructions. Sparks in such areas could cause an explosion or resulting in bally injury or even death. Users are advised not to use the equipment at refueling points such as service or gas stations. Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots, chemical plants or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often, but not always, clearly marked. These include fueling areas, below desk on boats, fuel or chemical transfer or storage facilities, and areas where the air contains chemicals or particles, such as grain, dust, or metal powders.

Nonionizing Radiation

This product should be operated in the suggested normal condition only to ensure the radioactive performance and safety of the interference. As with other mobile radio transmitting equipments, user are advised that for satisfactory operation of the equipment and for the safety of personnel, it is recommended that no part of the human body be allowed to come too close to the antenna during operation of the equipment.

Road Safety

Vehicle drivers in motion are not permitted to use telephone service with handheld devices, except in case of emergency. In some countries, using hand-free devices as an alterative is allowed.

Regulatory Notices

Agency identification numbers

For regulatory identification purposes, your product is assigned a model number of DX900.

To ensure continued reliable and safe operation of your Pocket PC, use only the accessories listed in this document.

This product is intended to be charged only from an approved battery charger (rated 5V DC, 1A).

European Union Declaration of Conformity

The CE marking indicated that the product to which it is affixed complies with all the applicable Directives of the European Parliament and Council of the European Union, in particular the Radio & Telecommunications Terminal Equipment (R&TTE) Directive, 1999/5/EC.

Your product conforms to the following European Norms:

- EN 60950-1:2001 (IEC 60950-1 (Modified)) – Information technology equipment – Safety – Part 1: General requirement.

- ETSI EN 301 511 V9.0.2(2003-03) – Mobile communications (GSM); Harmonized standard for mobile stations in the GSM 900 and DCS 1800 bands covering essential requirements under article 3.2 of the R&TTE directive (1999/5/EC).

- ETSI EN 300 328 V1.7.1 – Electromagnetic compatibility and Radio spectrum Matters (ERM); Wide-band transmission systems; Data transmission equipment operating in the 2.4 GHz band and using spread spectrum modulation techniques; Harmonized EN covering essential requirements under article 3.2 of the R&TTE directive.
- ETSI EN 301 489-1 V1.6.1 - Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements.
- ETSI EN 301 489-7 V1.3.1 - Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) for radio equipment and services; Part 7: Specific conditions for mobile and portable radio and ancillary equipment of digital cellular radio telecommunications systems (GSM and DCS).
- ETSI EN 301 489-17 V1.2.1 - Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) for radio equipment and services; Part 17: Specific conditions for 2.4 GHz wideband transmission systems and 5 GHz high performance RLAN equipment.
- EN 55013:2001 – Sound and television broadcast receivers and associated equipment – Radio disturbance characteristics.
- EN 55020:2002 – Sound and television broadcast receivers and associated equipment – Immunity characteristics.
- EN 50371:2002 – Generic standard to demonstrate the compliance of low power electronic and electrical apparatus with the basic restrictions related to human exposure to electromagnetic fields (10 MHz ~ 300 GHz) – General public.

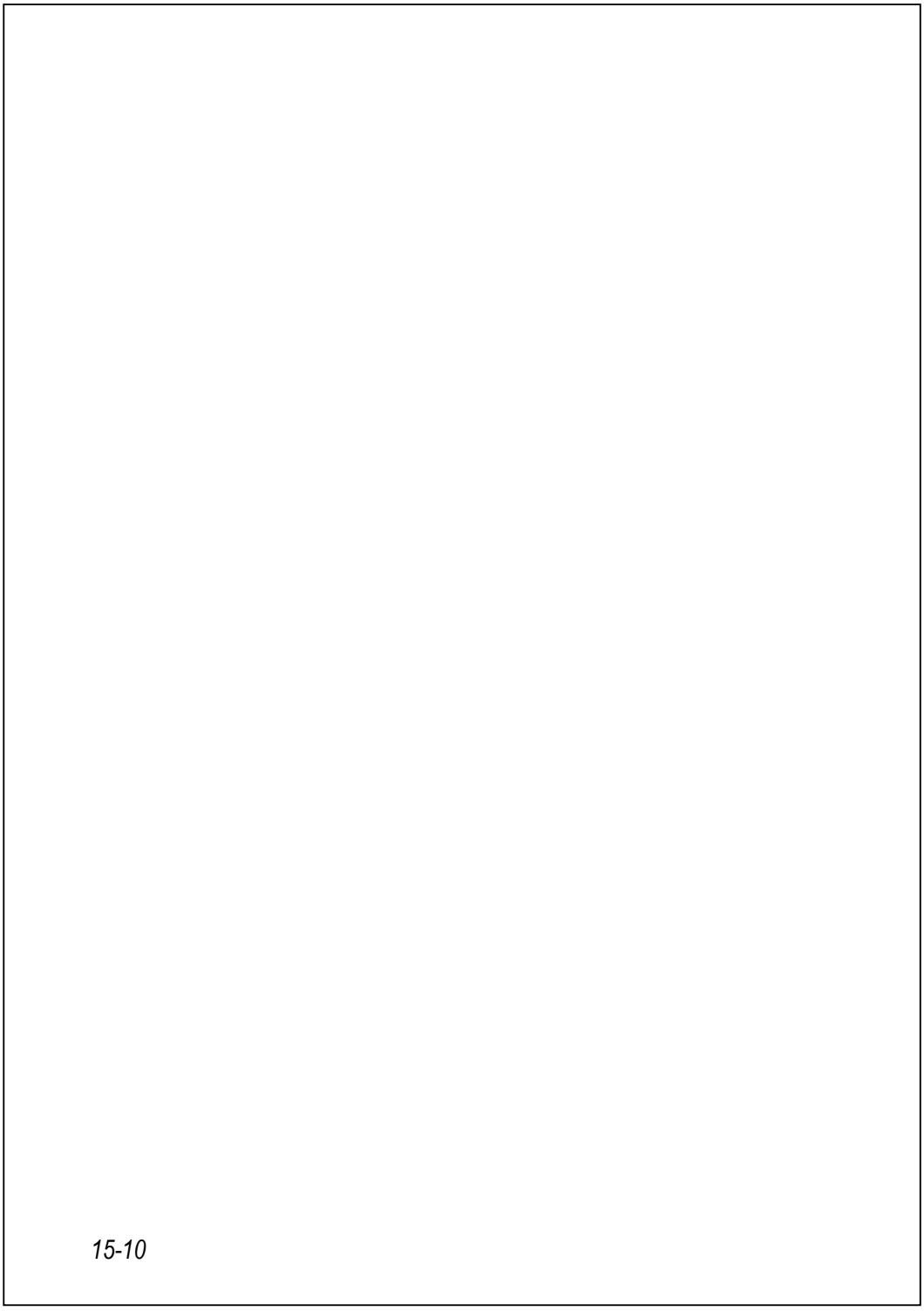
- EN 50360 – 2001 – Product standard to demonstrate the compliance of mobile phones with the basic restrictions related to human exposure to electromagnetic fields (300 MHz ~ 3 GHz).

WEEE Notices

The Directive on Waste Electrical and Electronic Equipment (WEEE), which entered into force as European law on 13th February 2003, resulted in a major change in the treatment of electrical equipment at end-of-life.
The purpose of this Directive is, as a first priority, the prevention of WEEE, and in addition, to promote the reuse, recycling and other forms of recovery of such wastes of as to reduce disposal.

The WEEE logo (shown left) on the product or on its box indicates that this product must not be disposed of or dumped with your general household waste. You are liable to dispose of all your electronic or electrical waste equipment by transferring it to a specified collection point for recycling of such hazardous waste. Isolated collection and proper recovery of your electronic and electrical wastes equipment at the time of disposal will allow us to help conserve natural resources. Moreover, proper recycling of the electronic and electrical waste equipment will ensure safety of human health and the environment.

For more information about electronic and electrical waste equipment disposal, recovery, and collection points, please contact your local city center, town or country council, household waste disposal service, shop from where you purchased the equipment or manufacturer of the equipment.



16 FAQ

1. What features does the Pocket PC have?

Answer:

❶ Capability of carrying dual SIM cards.

❷ Built-in 802.11b/g wireless networking module.

❸ The latest Windows Mobile® 6.1 Professional operating system, with all its settings stored on a Flash ROM. You won't have to worry about losing your data even if the Pocket PC runs completely out of power. The extra-large Flash memory space is capable of storing a large amount of personal data and application programs.

2. How do I configure the wireless network? And how do I connect to the Internet?

Answer: **Communication Manager** will assist you in managing your Bluetooth devices, GSM mobile devices, and your wireless networks.

❶When you purchase credit points for connection to the Internet via a wireless connection, you will be given an IP address, DNS name server address, Proxy server, connection port number, and network key information, you will need this information to successfully connect to the Internet. Sometimes corporate networks may need additional information, please contact your company's network administrator for details. If you are using your wireless network for the first time, please refer to the "Configure your Wireless Network" section and set the necessary configurations.

❷In general, you can activate the wireless connection by tapping the icon in **Communication Manager**. When your Pocket PC detects and connects to a available wireless network, a icon will appear on the top of your screen, this means that your Pocket PC has successfully connected with a network hotspot (Access Point). At this time, the indicator on the upper left of your pocket PC will flash amber.

3. My Pocket PC cannot boot. What should I do about it?

Answer:

❶Make sure the Pocket PC battery you use still has enough power.

❷Plug your Pocket PC into the charger, and make sure the red charging indicator lights up. Press the **POWER button**.

4. My Pocket PC has a screen freeze or the system does not respond. What should I do about it?

Answer:

❶You may reset your Pocket PC. It means to re-start the whole system to release unnecessary resources so that the system can return to normal.

❷If you have reset your Pocket PC but it still cannot operate normally, then you need to carry out a cold boot to solve this problem.

To Carry out a cold boot::

Press and hold both **POWER** button and **RESET** button for a while, then release them simultaneously. Wait for a few seconds until the screen wakes up displaying the model name, firmware version and firmware build date of your device, instantly press and hold . Continue pressing and release it when you see an inquiry box shown on the screen.

If you answer "Yes" to the question displays after a cold boot: (Erase all data and load default?) The programs installed by yourself, self-made settings, and self-made data (e.g., "Contacts" and "Calendar") will disappear. And return to their default settings.

As a result, we suggest you copy your data to the storage card. Data stored in the storage card will not vanish because of a cold boot. Or you can synchronize the data on your Pocket PC with your desktop computer.

5. Why doesn't my Pocket PC make any sound?

Answer:

❶Tap the speaker icon on the top right of the screen, then select the volume control options, or adjust the volume of the incoming call sound.

❷Alternatively, you may use the volume control key to control the volume.

6. Why does my Pocket PC screen automatically become dark?

Answer: Tap > **Settings** > **System** tab > **Backlight** > **Battery power** or the **External power** tab. You may find that if you use battery power, the backlight automatically shuts down after 30 seconds by default; the external power shuts down after 1 minute by default. If you think these times are too short, you may extend them as needed.

7. When I want to open a program or file, a warning message "**Not enough memory**" pops up. What should I do about it?

Answer: Because your Pocket PC's memory is shared by storage memory and program memory, the following methods are available. You may choose the one that works best for you.

❶Remove the programs you installed or that are not frequently used to release program memory space.

❷Delete data that is not used frequently or unnecessary to release storage memory space.

8. The characters on the screen are too small to read. How can I enlarge them?

Answer: Tap > **Settings** > **System** tab > **Screen** > **Text size** tab. You may adjust the text size as you wish. Also, you may select the landscape orientation in the **General** tab screen. Try and change them so that you can read more smoothly.

9. The contact point of my stylus is not quite precise. What should I do about it?

Answer: Align the screen in place, and the touch screen can respond to the operation of your stylus more precisely. The following two ways will bring you into the touch screen calibration mode.

❶Tap > **Settings** > **System** tab > **Screen** > **Align Screen** Button.

❷Simultaneously press on the bottom-left of the Pocket PC and the execution button in the center of the navigation pad.

10. The hardware buttons of my Pocket PC doesn't make any response or calls a wrong program. What should I do about it?

Answer: Tap > **Settings** > **Personal** tab > **Buttons**. Check each button for correct setup.

11. My Pocket PC's Activesync cannot be executed or make a connection. What should I do about it?

Answer:

❶Make sure you have installed Activesync version 4.5 or above. The companion CD contains the software. If you have lost the CD, you may download it from the Microsoft Website.

❷Make sure the charger as well as the USB cable provided along with the product are already connected up to your PC end.

❸Make sure you are not executing another program that uses the same serial port you selected for operation during installation.

❹If your Activesync is still not working, remove and delete the old version of Activesync software at the PC end and install it once again.

12. My PC uses Windows Vista™ operating system, how will it handle the Pocket PC connection?

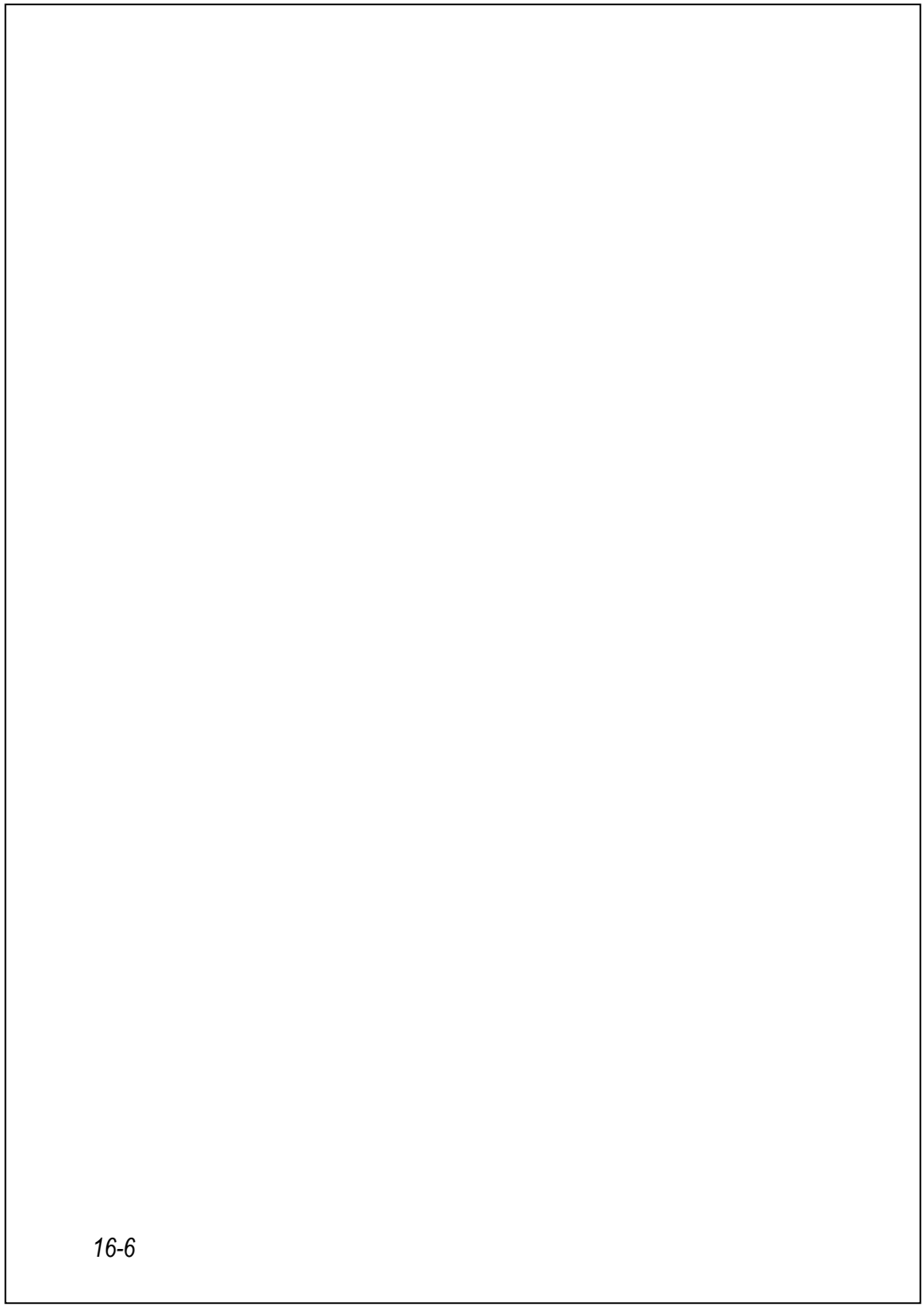
Answer:

❶Please make sure that the Windows Mobile® Device Center included in the companion CD is installed.

❷Make sure that the included USB cable is properly connected to the PC port.

13. My PC currently has Microsoft Outlook installed; will it work with the Pocket PC?

Answer: Refer to the download link which you can see in the companion CD. If your current Microsoft Outlook version is older than that, uninstall the older version, then install the Microsoft Outlook limited trial version. When the trial period is over, contact with Microsoft for more information on purchasing the retail version.



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